CORRECTIONAL SERVICE CANADA
PACIFIC REGION
PERIMETER FENCE UPGRADES

ARCHITECTURAL DRAWINGS

A0 - TITLESHEET
A1-KT - KENT INSTITUTION - SITE PLAN
A2-KT - KENT INSTITUTION - DETAILS
A3-KT - KENT INSTITUTION - DETAILS
A4-KT - KENT INSTITUTION - DETAILS
A1-MO - MOUNTAIN INSTITUTION - SITE PLAN
A2-MO - MOUNTAIN INSTITUTION - DETAILS
A3-MO - MOUNTAIN INSTITUTION - DETAILS
A4-MO - MOUNTAIN INSTITUTION - DETAILS
A1-MI - MISSION MEDIUM INSTITUTION - SITE PLAN
A2-MI - MISSION MEDIUM INSTITUTION - DETAILS
A3-MI - MISSION MEDIUM INSTITUTION - DETAILS
A4-MI - MISSION MEDIUM INSTITUTION - DETAILS
A1-PA - PACIFIC INSTITUTION - SITE PLAN
A2-PA - PACIFIC INSTITUTION - DETAILS
A3-PA - PACIFIC INSTITUTION - DETAILS
A1-FV - FRASER VALLEY INSTITUTION - SITE PLAN
A2-FV - FRASER VALLEY INSTITUTION - DETAILS
A1-MA - MATSQUI INSTITUTION -SITE PLAN
A2-MA - MATSQUI INSTITUTION - DETAILS
A3-MA - MATSQUI INSTITUTION - DETAILS
A4-MA - MATSQUI INSTITUTION - DETAILS

STRUCTURAL DRAWINGS

S-1 - TYPICAL STRUCTURAL DETAILS

ELECTRICAL DRAWINGS

E1-KT - KENT INSTITUTION - SITE PLAN
E2-KT - KENT INSTITUTION - FENCE ELEVATIONS
E3-KT - KENT INSTITUTION - FENCE ELEVATIONS
E1-MO - MOUNTAIN INSTITUTION - SITE PLAN
E2-MO - MOUNTAIN INSTITUTION -FENCE ELEVATIONS
E3-MO - MOUNTAIN INSTITUTION - SECONDARY SALLYPORT PLANS AND NEW GATE ELEVATIONS
E1-MI - MISSION MEDIUM INSTITUTION -SITE PLAN
E2-MI - MISSION MEDIUM INSTITUTION - OUTER PERIMETER FENCE ELEVATIONS
E3 MI - MISSION MEDIUM INSTITUTION - INNER PERIMETER FENCE ELEVATIONS
EI-MA - MATSQUI INSTITUTION - SITE PLAN
E2-MA - MATSQUI INSTITUTION - FENCE ELEVATIONS
E1-FV - FRASER VALLEY INSTITUTION - SITE PLAN
E2-FV - FRASER VALLEY INSTITUTION - FENCE ELEVATIONS
E3-FV - FRASER VALLEY INSTITUTION - SALLYPORT PLAN AND ELEVATIONS
E1-PA - PACIFIC INSTITUTION - SITE PLAN
E2-PA - PACIFIC INSTITUTION - NORTH SALLYPORT PLAN AND ELEVATIONS

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

Revision/ Revision	Description/Description	Date/Date
5		
4		
3	Issued for Tender	15/07/09
2	99% Revised Submission	15/06/03
1	99% Submission	15/03/31
0	50% Submission	15/03/05

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION
PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
R. DIES

Drawn by/Dessine par
R. DIES

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin
TITLE SHEET

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A0 OF -	3

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

DM5XXXXXX

MAINTENANCE ACCESS
DRWG A3-KT NEW GATE DETAIL 6

DRWG A2-KT REMOVE DETAIL 1

PEDESTRIAN ACCESS
DRWG A4-KT ADD GATE LOCK DETAIL 7

PEDESTRIAN ACCESS
DRWG A3-KT NEW GATE DETAIL 5

REMOVE FENCE 5825

MAINTENANCE ACCESS PEDESTRIAN ACCESS

REMOVE FENCE 13217

REMOVE DETAIL 1 DRWG A2-KT

REMOVE DETAIL 3 DRWG A2-KT

REMOVE DETAIL 4 DRWG A3-KT

REVISIONS DETAIL 8 DRWG A4-KT

DRWG A2-KT REMOVE DETAIL 1

DRWG A2-KT REMOVE DETAIL 1

DRWG A2-KT REMOVE DETAIL 1

DRWG A2-KT REMOVE DETAIL 1

EXISTING INNER PERIMETER FENCE

EXISTING OUTER PERIMETER FENCE

EXISTING HYDRANT BOX

DRWG A4-KT NEW CRASH BARRIER DETAIL 9

NEW GATE DETAIL 2 DRWG A2-KT

+/- 2600 FROM FENCE

EXACT LOCATIONS OF NEW GATES TO BE DETERMINED ON SITE

REMOVE +/- 12M x 6M TOPSOIL AND REPLACE WITH MIN. 200 mm ROAD GRAVEL

NEW GATE DETAIL 2 DRWG A2-KT

EMERGENCY ACCESS

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
GREGORY I. DOWLING
15.07.09
BRITISH COLUMBIA

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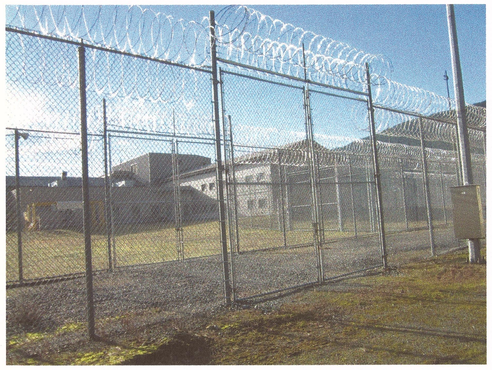
PREETIPAL PAUL

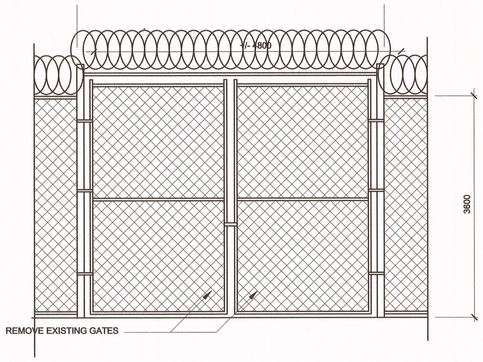
Drawing title/Titre du dessin

KENT INSTITUTION
4732 CEMETERY ROAD
AGASSIZ, BRITISH COLUMBIA
SITE PLAN
SCALE 1:750

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A1-KT OF 4	3

DM5XXXXXX





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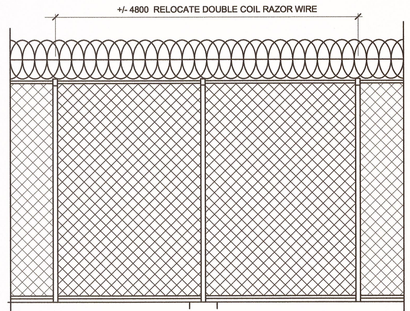
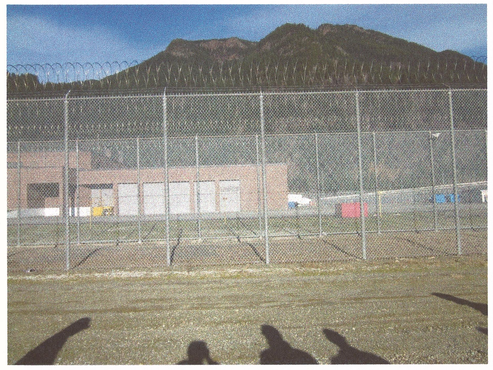
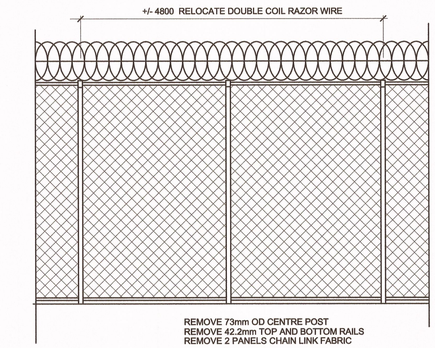


FENCE INFILL

DETAIL 1

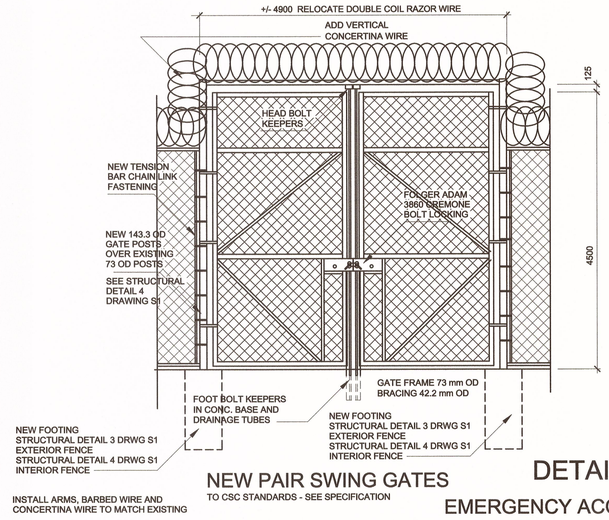
INSTALL ARMS, BARBED WIRE AND
CONCERTINA WIRE TO MATCH EXISTING





EXISTING

GAPS AROUND GATES TO BE NO
GREATER THAN 125mm



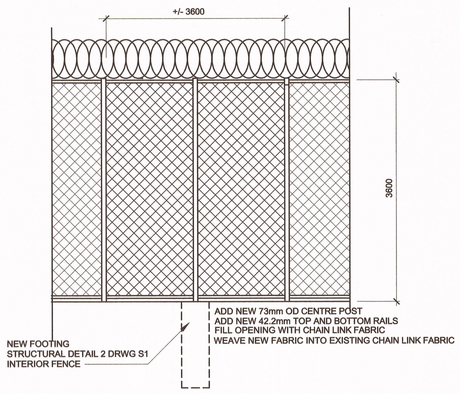
NEW PAIR SWING GATES

TO CSC STANDARDS - SEE SPECIFICATION

DETAIL 2

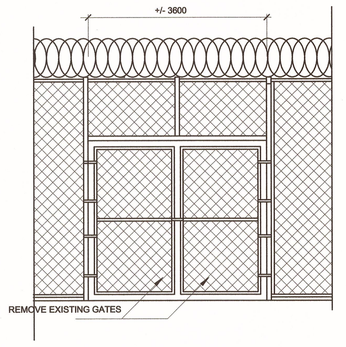
EMERGENCY ACCESS

INSTALL ARMS, BARBED WIRE AND
CONCERTINA WIRE TO MATCH EXISTING



FENCE INFILL

TO CSC STANDARDS - SEE SPECIFICATION



EXISTING

DETAIL 3

0 10 20 30 40 50 60 70 80 90 100mm

PWGSC – A1 – 841x594

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
REGINALD A. DUNNING
15.07.09
BRITISH COLUMBIA

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PACIFIC REGION PERIMETER FENCE UPGRADES

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Designed by/Concept par
R. DIES

Drawn by/Dessine par

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

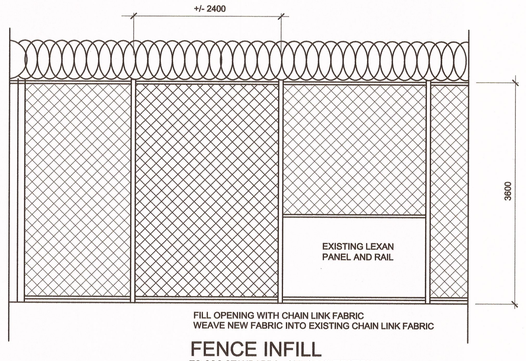
PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

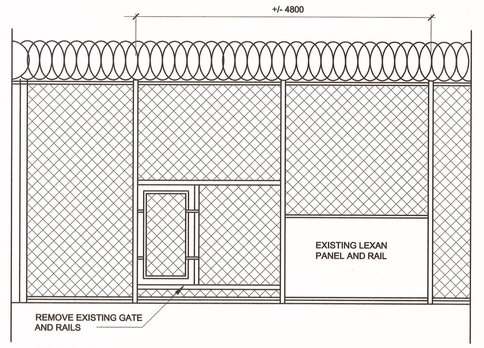
KENT INSTITUTION
4732 CEMETERY ROAD
AGASSIZ, BRITISH COLUMBIA
DETAILS
SCALE 1:50

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A2-KT OF 4	3

DM5XXXXXX

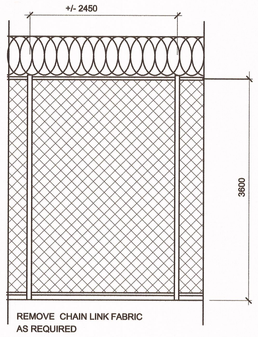


FENCE INFILL
TO CSC STANDARDS - SEE SPECIFICATION

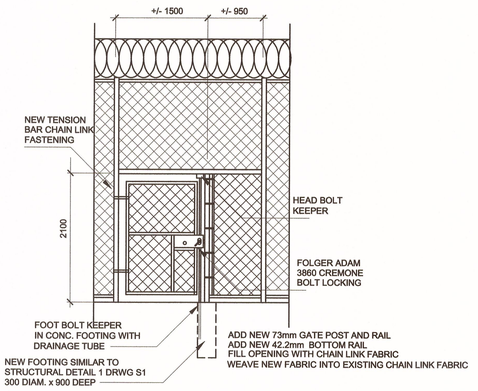


EXISTING

DETAIL 4



EXISTING

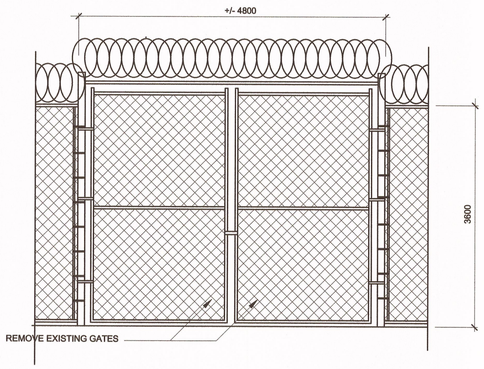


GATE FRAME 43 mm OD

NEW PEDESTRIAN GATE
CLEAR OPENING 1200 X 2100
TO CSC STANDARDS - SEE SPECIFICATION

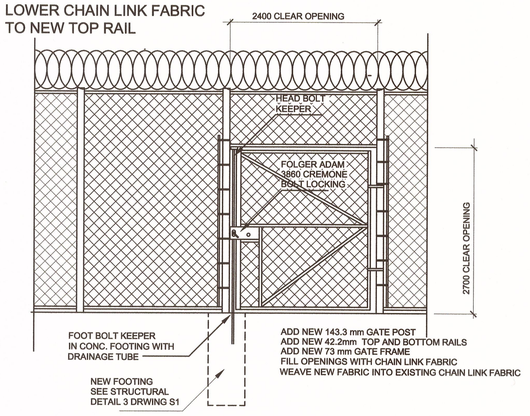
DETAIL 5
PEDESTRIAN ACCESS

GAPS AROUND GATES TO BE NO
GREATER THAN 125mm



EXISTING

LOWER CHAIN LINK FABRIC
TO NEW TOP RAIL



NEW MAINTENANCE ACCESS
TO CSC STANDARDS - SEE SPECIFICATION

GAPS AROUND GATES TO BE NO
GREATER THAN 125mm

DETAIL 6

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
REGINALD T. DUDDING
PROVINCE OF BRITISH COLUMBIA
15.07.09

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Project title/Titre du projet

PACIFIC REGION
PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
R. DIES

Drawn by/Dessine par

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

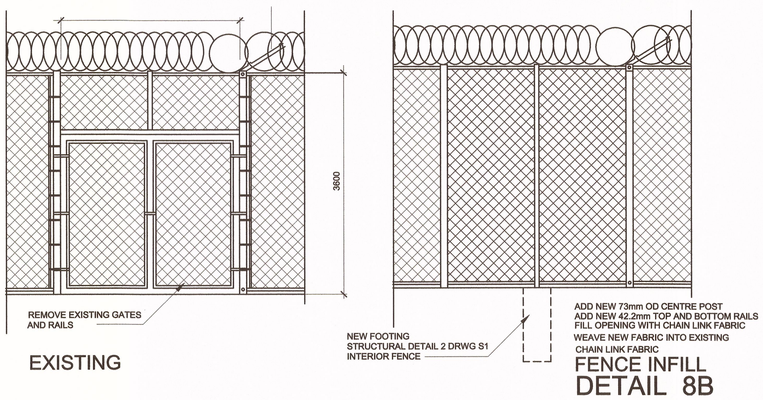
PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

KENT INSTITUTION
4732 CEMETERY ROAD
AGASSIZ, BRITISH COLUMBIA
DETAILS
SCALE 1:50

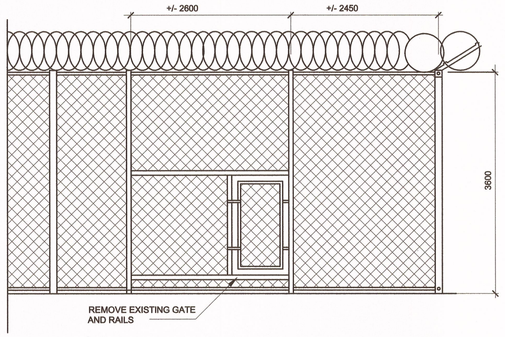
Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A3-KT OF 4	3

DM5XXXXXX



EXISTING

FENCE INFILL
DETAIL 8B



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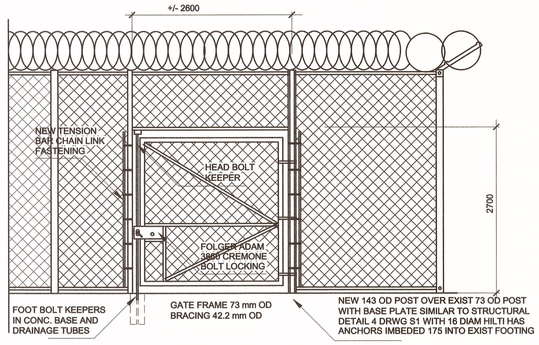


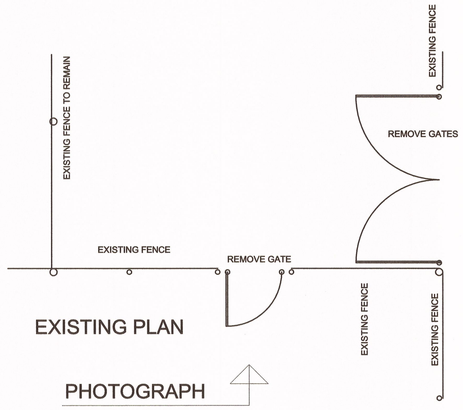
FILL OPENINGS WITH CHAIN LINK FABRIC
WEAVE NEW FABRIC INTO EXISTING CHAIN LINK FABRIC

GAPS AROUND GATES TO BE NO
GREATER THAN 125mm

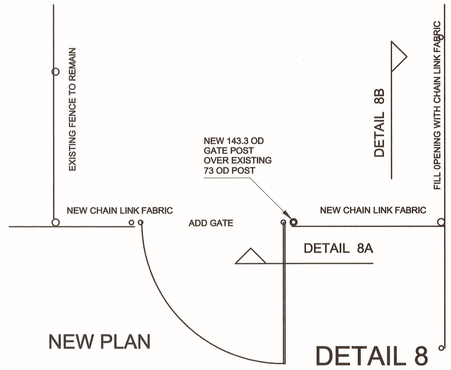
NEW SWING GATE
TO CSC STANDARDS - SEE SPECIFICATION

DETAIL 8A

PHOTOGRAPH



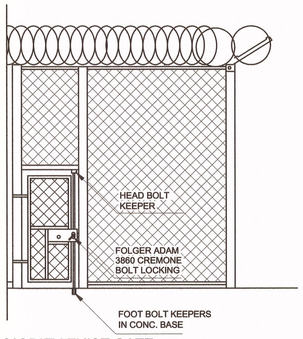
EXISTING PLAN



NEW PLAN

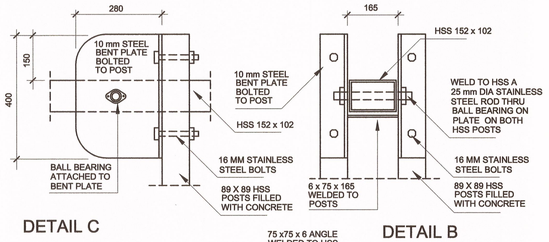
DETAIL 8

MAINTENANCE ACCESS



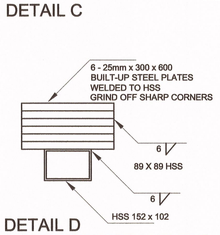
MODIFY EXIST GATE
TO ADD CREMONE BOLT LOCKING
TO CSC STANDARDS - SEE SPECIFICATION

PEDESTRIAN ACCESS DETAIL 7

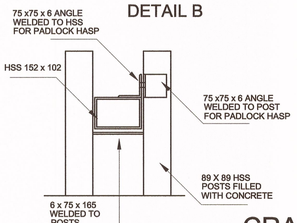


DETAIL C

DETAIL B



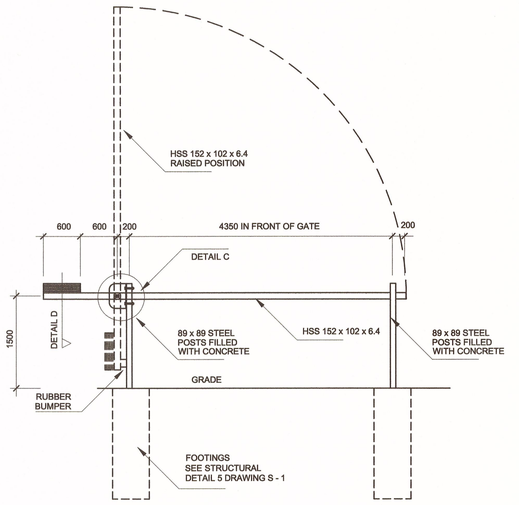
DETAIL D
CONFIRM CORRECT COUNTERBALANCE WEIGHT



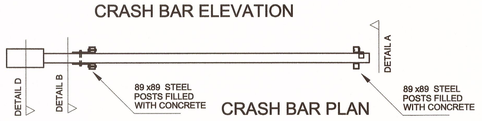
DETAIL A

ALL CRASH BAR STEEL
TO BE HOT DIPPED GALVANIZED

CRASH BAR
DETAIL 9



CRASH BAR ELEVATION



CRASH BAR PLAN

0 10 20 30 40 50 60 70 80 90 100mm

PWGSC – A1 – 841x594

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

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GREGORY J. DOWNS
BRITISH COLUMBIA
15.07.09

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PACIFIC REGION PERIMETER FENCE UPGRADES

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R. DIES

Drawn by/Dessine par

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DARYL SINCLAIR

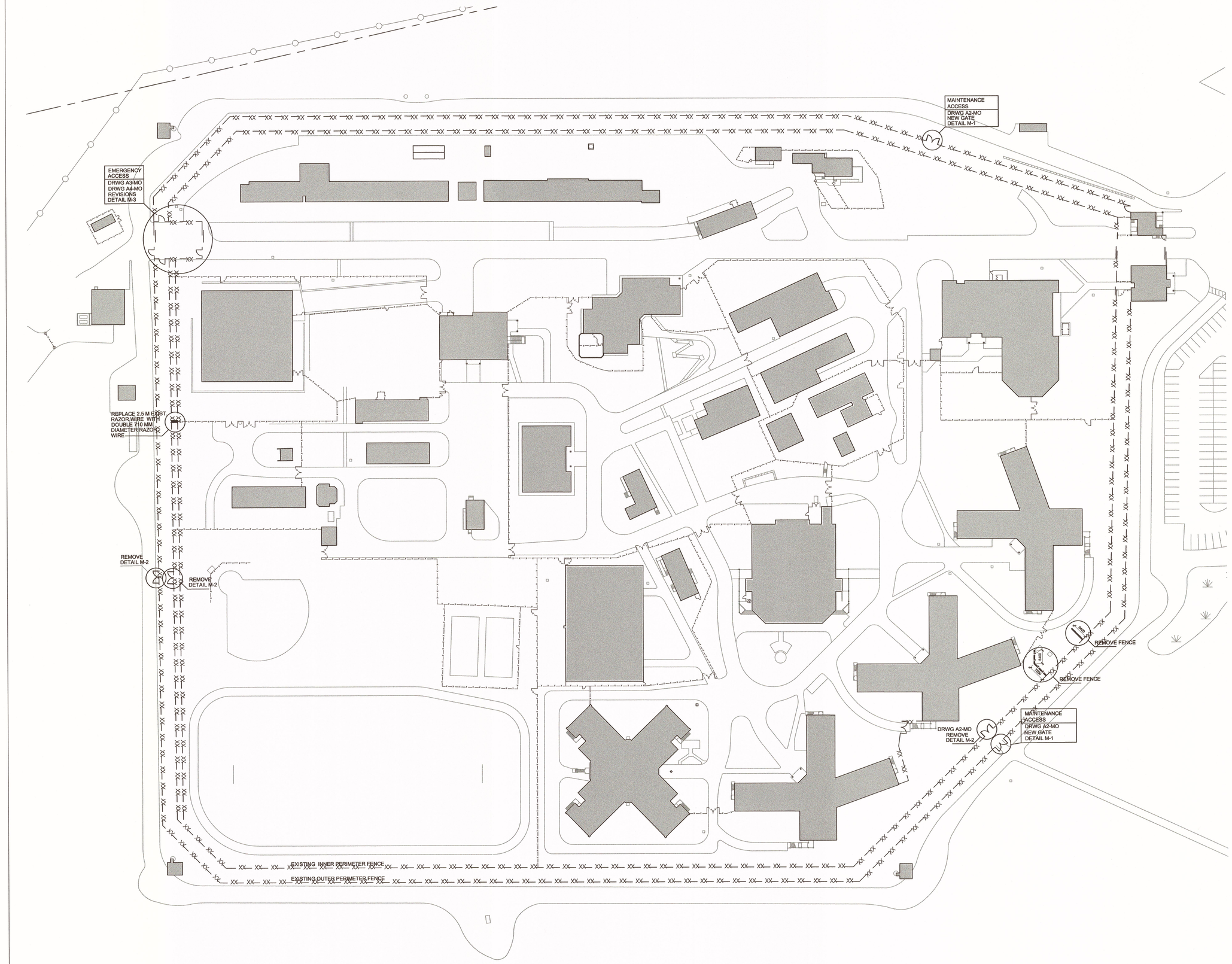
PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

KENT INSTITUTION
4732 CEMETERY ROAD
AGASSIZ, BRITISH COLUMBIA
DETAILS
SCALE 1:50

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
R.071529.001	A4-KT OF 4	3

DM5XXXXXX



Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

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PREETIPAL PAUL

Drawing title/Titre du dessin

MOUNTAIN INSTITUTION
4732 CEMETERY ROAD
AGASSIZ, BRITISH COLUMBIA
SITE PLAN
SCALE 1:750

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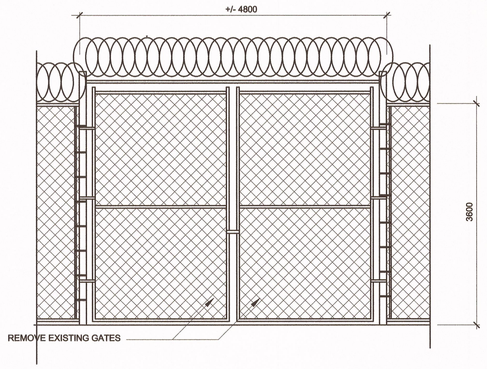
PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

DMSXXXXXX



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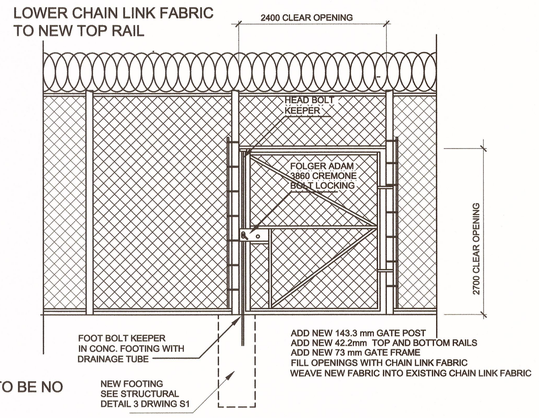
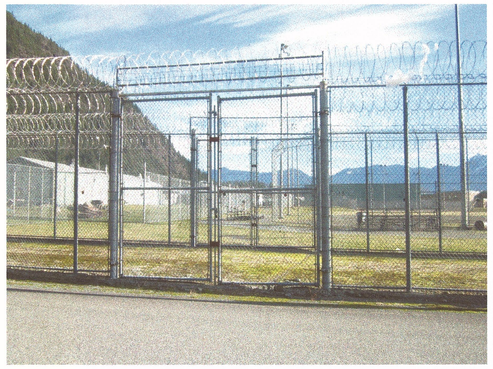
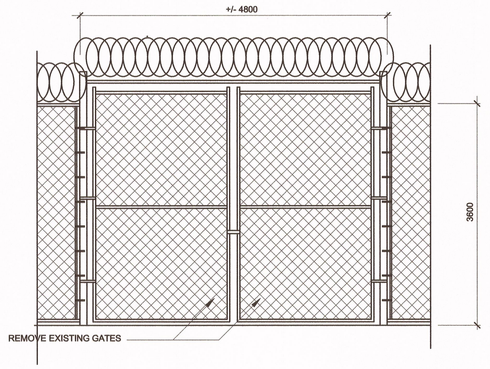


GAPS AROUND GATES TO BE NO GREATER THAN 125mm

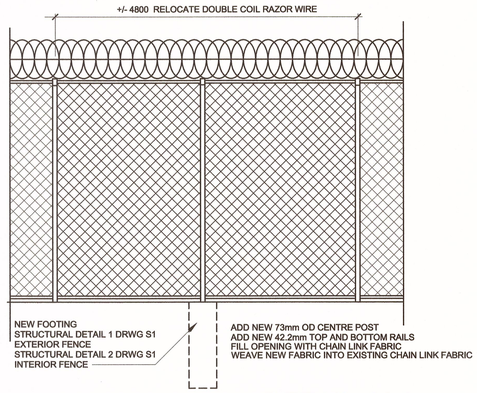
NEW MAINTENANCE GATE
TO CSC STANDARDS - SEE SPECIFICATION

DETAIL 1





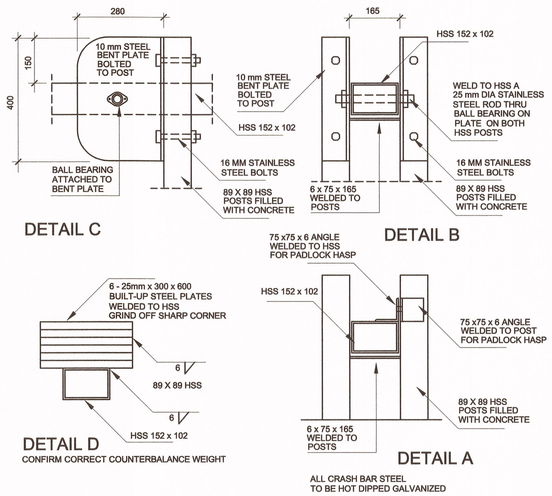
REMOVE EXISTING GATES

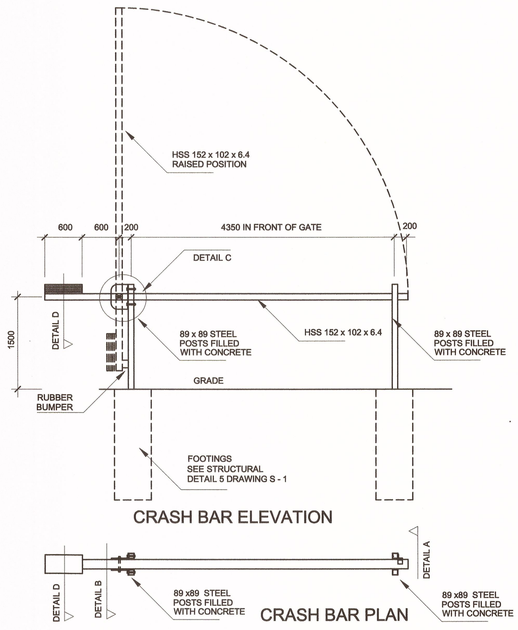


INSTALL ARMS, BARBED WIRE AND CONCERTINA WIRE TO MATCH EXISTING

FENCE INFILL

DETAIL M-2





CRASH BAR
DETAIL M-4

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
GREGORY J. DOWLING
15.07.09
BRITISH COLUMBIA

Revision/ Revision	Description/Description	Date/Date
5		
4		
3	Issued for Tender	15/07/09
2	99% Revised Submission	15/06/03
1	99% Submission	15/03/31
0	50% Submission	15/03/05

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION
PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
R. DIES

Drawn by/Dessine par
R. DIES

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

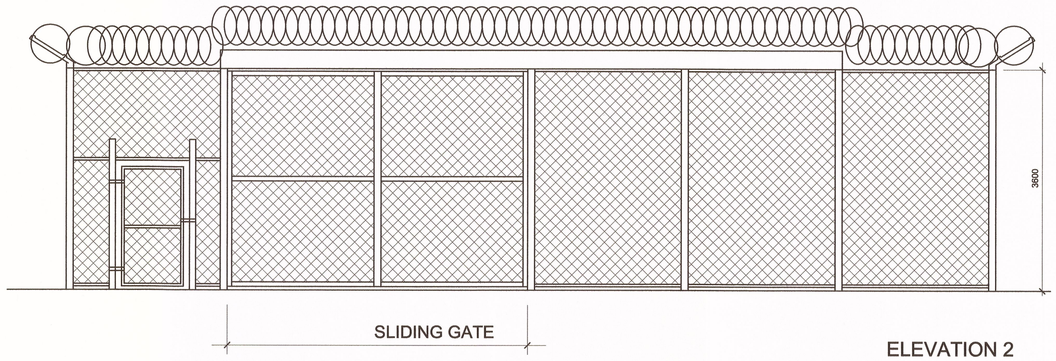
PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

MOUNTAIN INSTITUTION
4732 CEMETERY ROAD
AGASSIZ, BRITISH COLUMBIA
DETAILS
SCALE 1:50

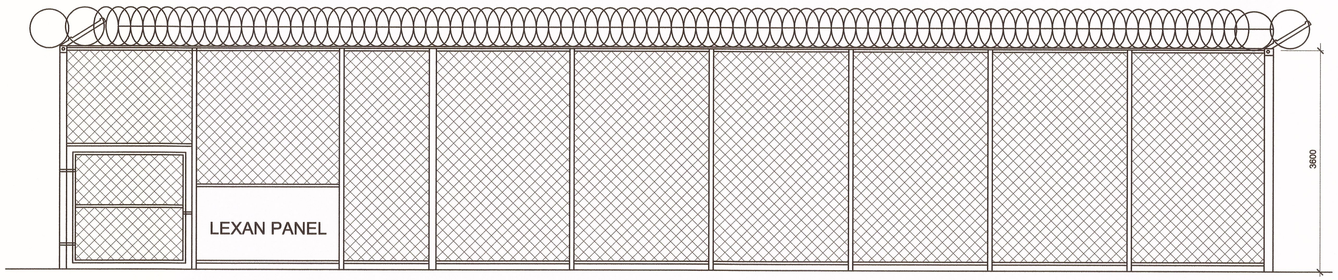
Project No./No. du projet	Sheet/Feuille	Revision no./ Le Révision no.
R.071529.001	A2-MO OF 4	3

DM5XXXXXX



EXISTING FENCE AND GATES TO BE REMOVED

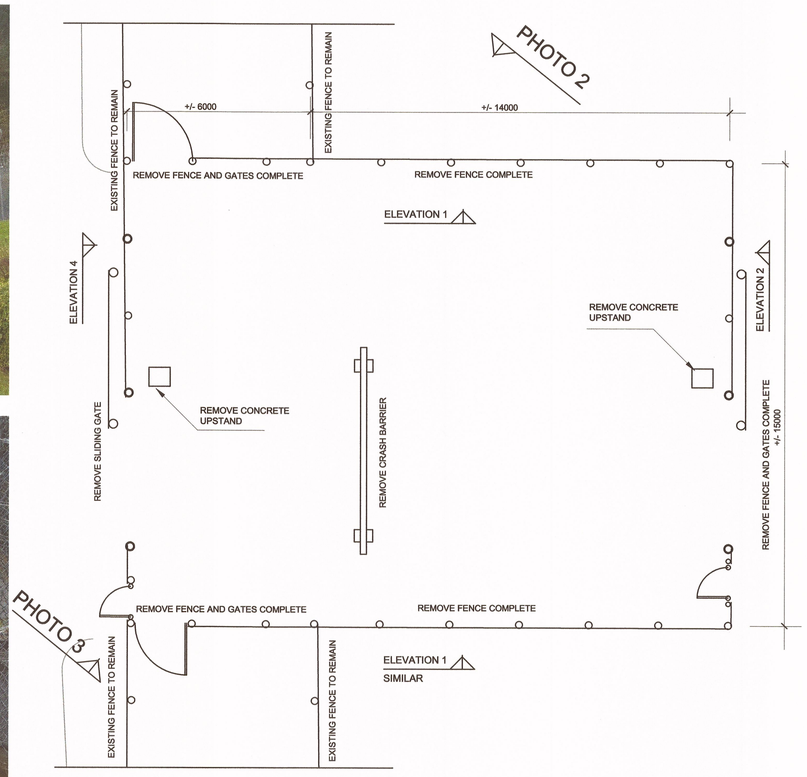
ELEVATION 2



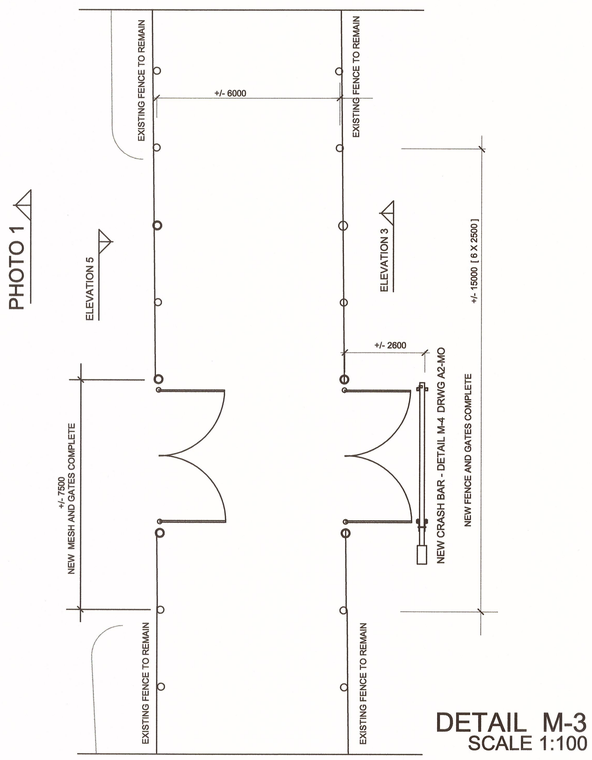
EXISTING FENCE AND GATES TO BE REMOVED

ELEVATION 1

PHOTO 3



EXISTING PLAN



REVISED PLAN

DETAIL M-3
SCALE 1:100

EMERGENCY GATES

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
REGINALD I. DUNN
15.07.09
BRITISH COLUMBIA

5		
4		
3	Issued for Tender	15/07/09
2	99% Revised Submission	15/06/03
1	99% Submission	15/03/31
0	50% Submission	15/03/05
Revision/ Revision	Description/Description	Date/Date

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
R. DIES

Drawn by/Dessine par
R. DIES

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

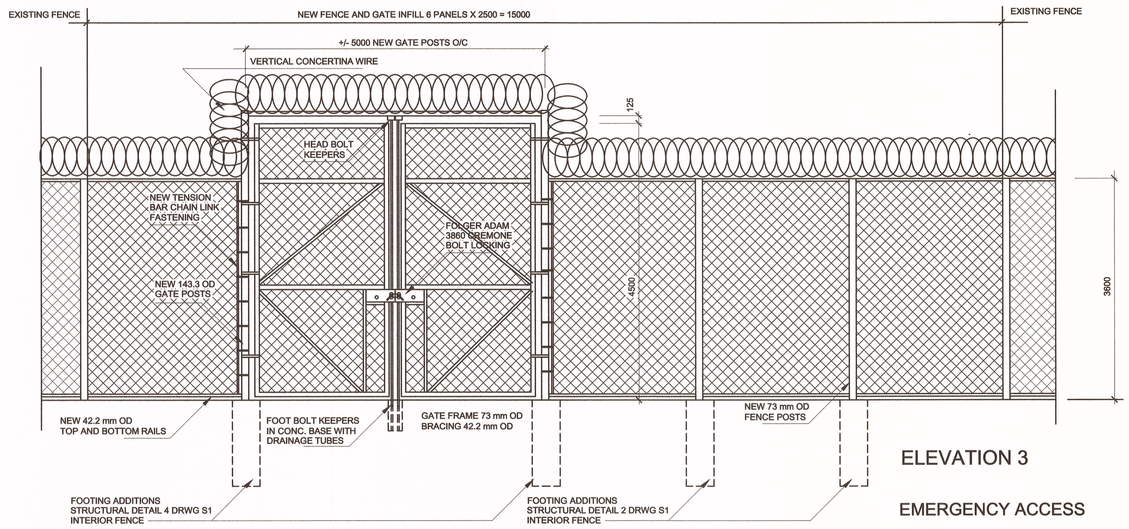
PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

MOUNTAIN INSTITUTION
4732 CEMETERY ROAD
AGASSIZ, BRITISH COLUMBIA
DETAILS
SCALE 1:50

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A3-MO OF 4	3

DM5XXXXXX



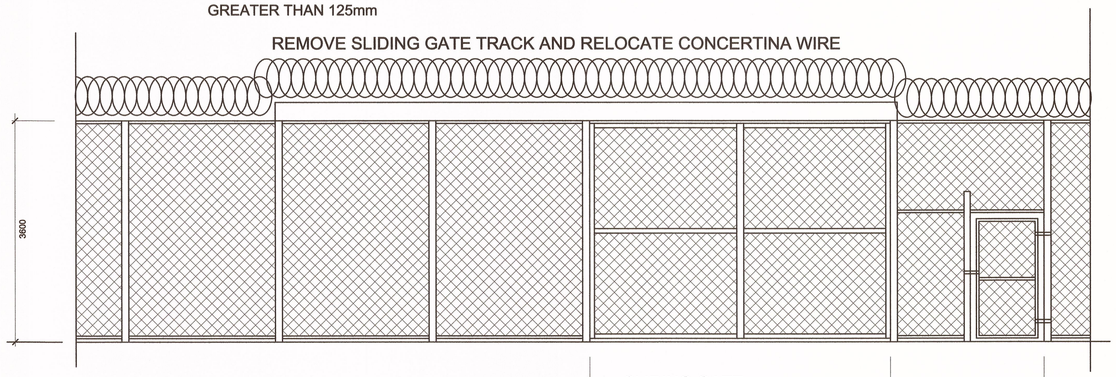
ELEVATION 3

EMERGENCY ACCESS

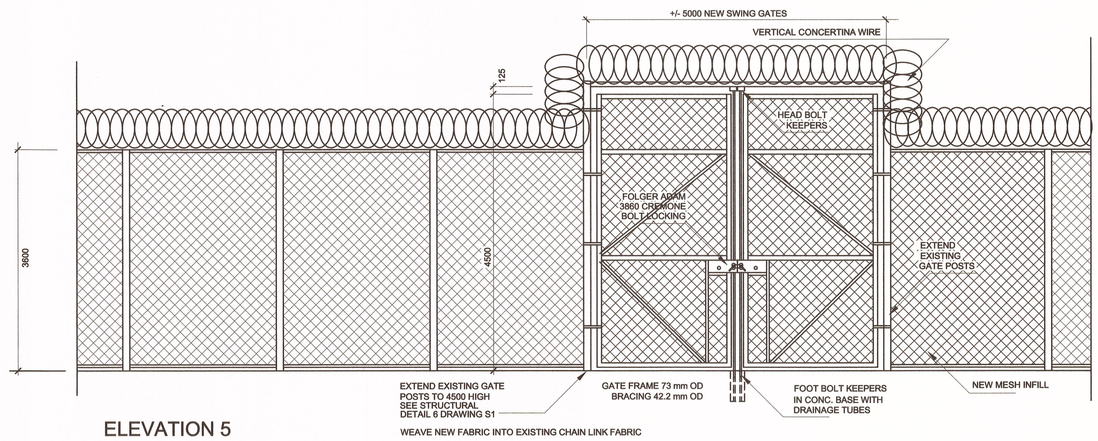
NEW FENCE AND GATES INFILL
GAPS AROUND GATES TO BE NO GREATER THAN 125mm

INSTALL ARMS, BARBED WIRE AND CONCERTINA WIRE TO MATCH EXISTING

WEAVE NEW FABRIC INTO EXISTING CHAIN LINK FABRIC



ELEVATION 4



ELEVATION 5

NEW FENCE AND GATES INFILL

INSTALL ARMS, BARBED WIRE AND CONCERTINA WIRE TO MATCH EXISTING

GAPS AROUND GATES TO BE NO GREATER THAN 125mm

DETAIL M-3

EMERGENCY ACCESS

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
HENRY A. DOERR
BRITISH COLUMBIA
15.07.09

5		
4		
3	Issued for Tender	15/07/09
2	99% Revised Submission	15/06/03
1	99% Submission	15/03/31
0	50% Submission	15/03/05
Revision/ Revision	Description/Description	Date/Date

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
R. DIES

Drawn by/Dessine par

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

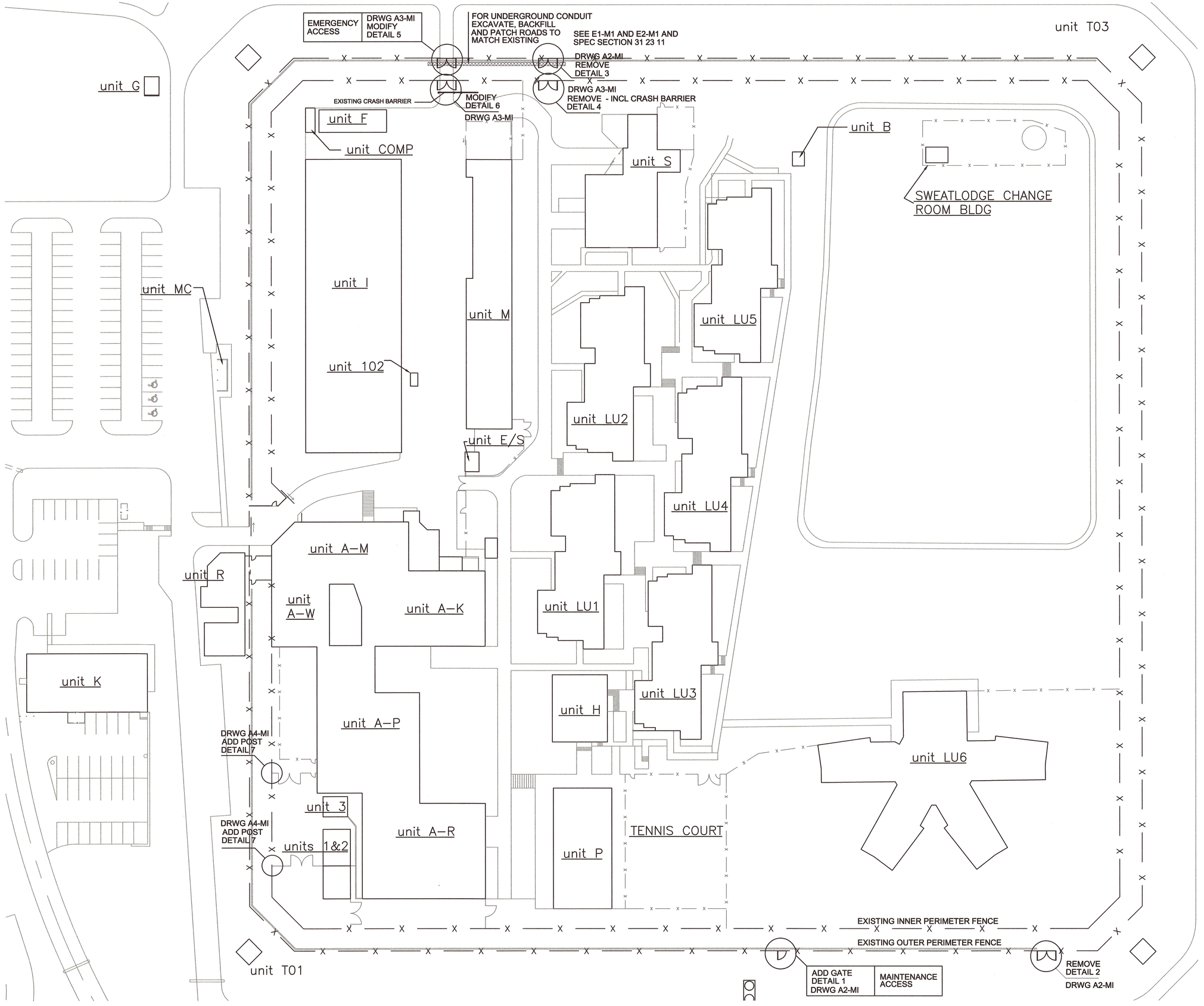
PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

MOUNTAIN INSTITUTION
4732 CEMETERY ROAD
AGASSIZ, BRITISH COLUMBIA
DETAILS
SCALE 1:50

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A4-MO OF 4	3

DM5XXXXXX



PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT GREGORY T. DOWLING BRITISH COLUMBIA 15.07.09

Revision/ Revision	Description/Description	Date/Date
5		
4		
3	Issued for Tender	15/07/09
2	99% Revised Submission	15/06/03
1	99% Submission	15/03/31
0	50% Submission	15/03/05

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
R. DIES

Drawn by/Dessine par
R. DIES

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

MISSION MEDIUM INSTITUTION

8751 STAVE LAKE STREET

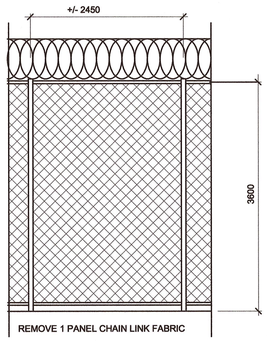
MISSION, BRITISH COLUMBIA

SITE PLAN

SCALE 1:500

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A1-MI OF 4	3

DM5XXXXXX



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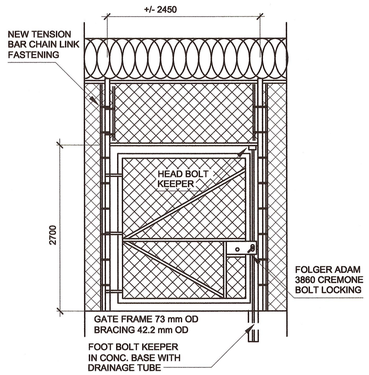
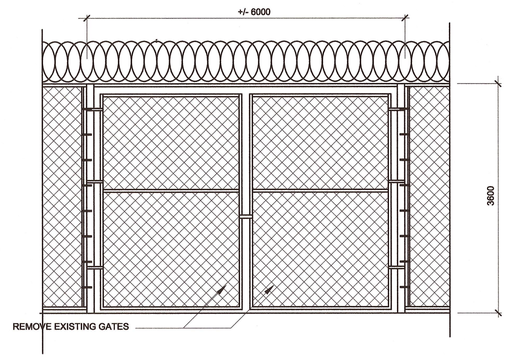


NEW SWING GATE
TO CSC STANDARDS - SEE SPECIFICATION

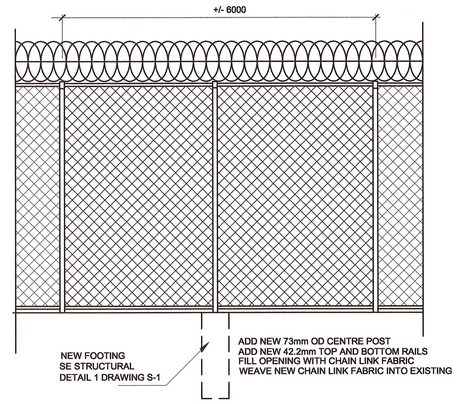
GAPS AROUND GATES TO BE NO GREATER THAN 125 mm

MAINTENANCE ACCESS

DETAIL 1



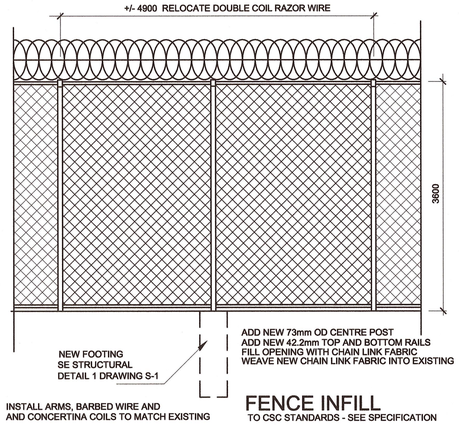
REMOVE EXISTING GATES



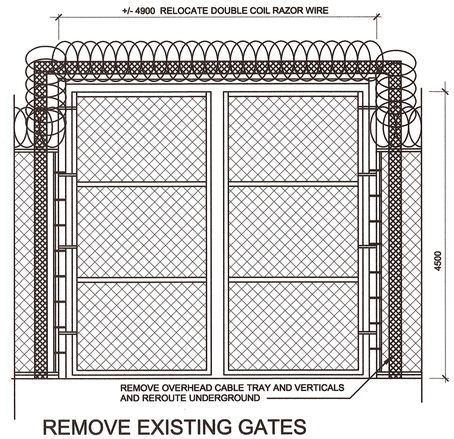
FENCE INFILL
TO CSC STANDARDS - SEE SPECIFICATION

DETAIL 2

EXTERIOR GATE



FENCE INFILL
TO CSC STANDARDS - SEE SPECIFICATION



REMOVE EXISTING GATES

SEE ALSO DRWG E2.MI

DETAIL 3

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
R. DIES
15.07.09
BRITISH COLUMBIA

Revision/ Revision	Description/Description	Date/Date
5		
4		
3	Issued for Tender	15/07/09
2	99% Revised Submission	15/06/03
1	99% Submission	15/03/31
0	50% Submission	15/03/05

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
R. DIES

Drawn by/Dessine par
R. DIES

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

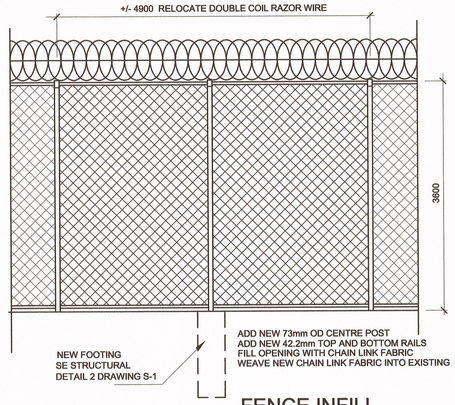
Drawing title/Titre du dessin

MISSION MEDIUM INSTITUTION
8751 STAVE LAKE STREET
MISSION, BRITISH COLUMBIA
DETAILS
SCALE 1:50

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A2-MI OF 4	3

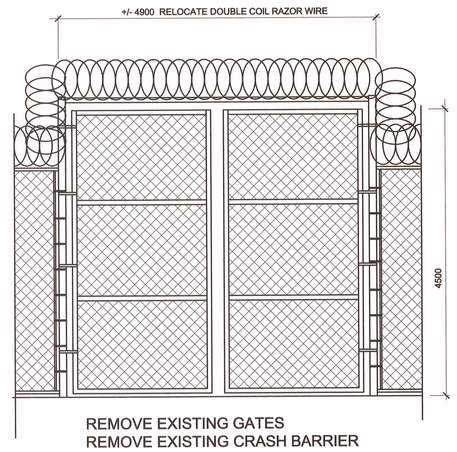
DM5XXXXXX

INTERIOR GATE



FENCE INFILL

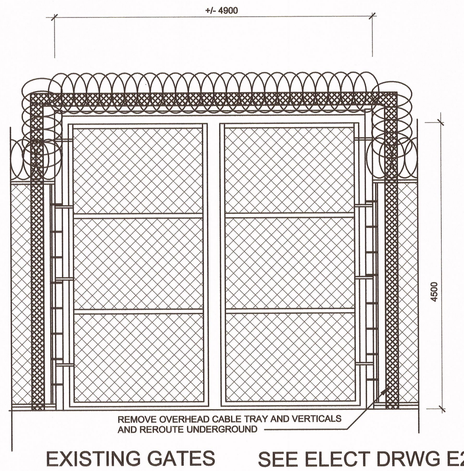
TO CSC STANDARDS - SEE SPECIFICATION



REMOVE EXISTING GATES
REMOVE EXISTING CRASH BARRIER

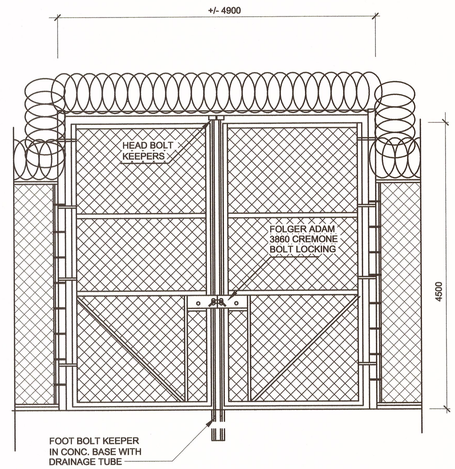
DETAIL 4

EXTERIOR GATE



EXISTING GATES SEE ELECT DRWG E2-MI

GAPS AROUND GATES TO BE
NO GREATER THAN 125 mm

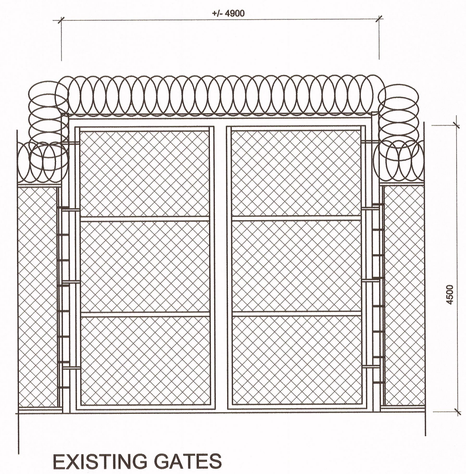


MODIFY EXIST GATE
TO ADD CREMONE BOLT LOCKING

TO CSC STANDARDS - SEE SPECIFICATION

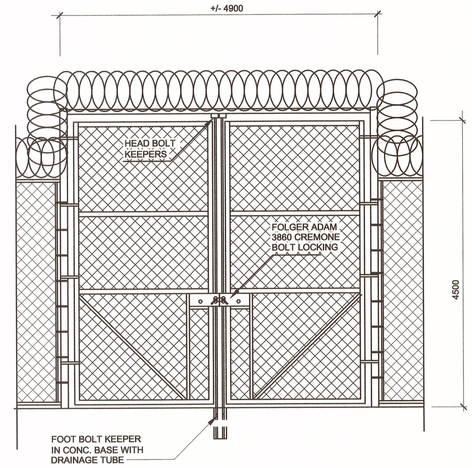
DETAIL 5
EMERGENCY ACCESS

INTERIOR GATE



EXISTING GATES

GAPS AROUND GATES TO BE
NO GREATER THAN 125 mm



MODIFY EXIST GATE
TO ADD CREMONE BOLT LOCKING

TO CSC STANDARDS - SEE SPECIFICATION

DETAIL 6
EMERGENCY ACCESS

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
GREGORY I. DOWNING
15.07.09
BRITISH COLUMBIA

Revision/ Revision	Description/Description	Date/Date
5		
4		
3	Issued for Tender	15/07/09
2	99% Revised Submission	15/06/03
1	99% Submission	15/03/31
0	50% Submission	15/03/05

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION
PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
R. DIES

Drawn by/Dessine par
R. DIES

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

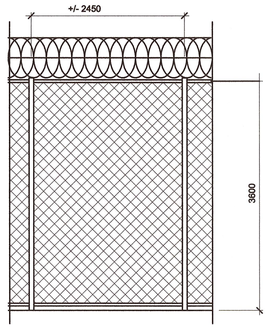
MISSION MEDIUM INSTITUTION
8751 STAVE LAKE STREET
MISSION, BRITISH COLUMBIA
DETAILS
SCALE 1:50

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A3-MI OF 4	3

PWGSC — A1 — 841x594

0 10 20 30 40 50 60 70 80 90 100mm

DM5XXXXXX



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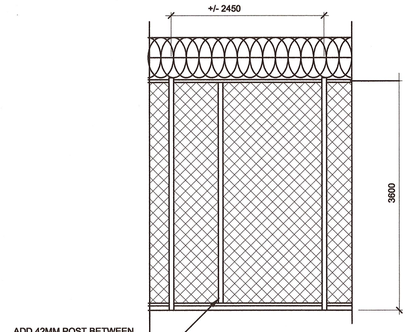
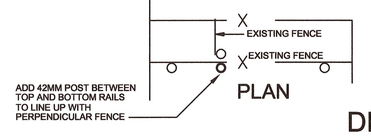


ADD POST



PLAN

DETAIL 7

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
GREGORY J. BOWERS
BRITISH COLUMBIA
15.07.09

5		
4		
3	Issued for Tender	15/07/09
2	99% Revised Submission	15/06/03
1	99% Submission	15/03/31
0	50% Submission	15/03/05
Revision/ Revision	Description/Description	Date/Date

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
R. DIES

Drawn by/Dessine par

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

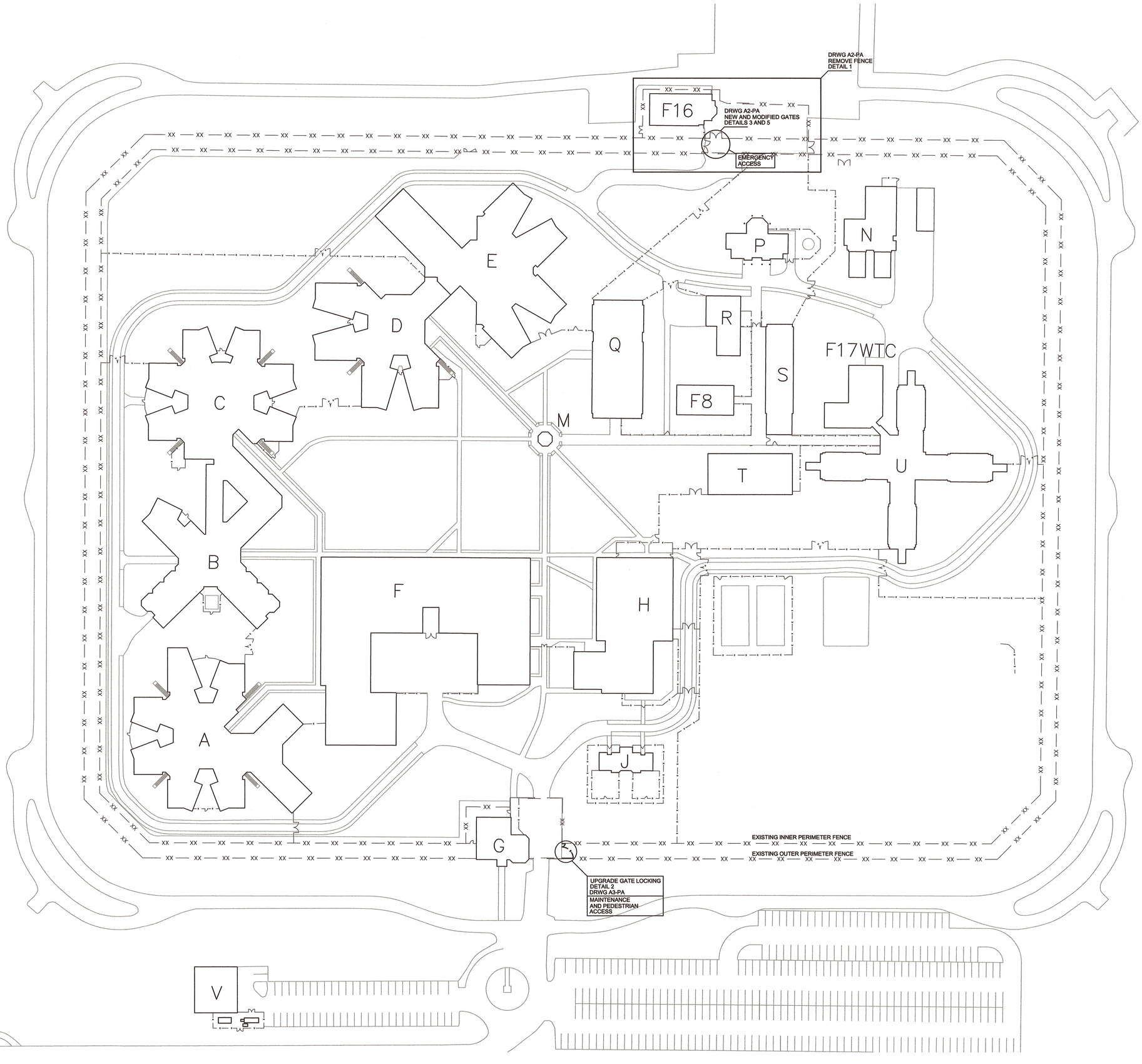
MISSION MEDIUM INSTITUTION
8751 STAVE LAKE STREET
MISSION, BRITISH COLUMBIA
DETAILS
SCALE 1:50

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A4-MI OF 4	3

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

DM5XXXXXX



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PWGSC – A1 – 841x594

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
GREGORY T. DOWNS
BRITISH COLUMBIA
15.07.09

Revision/ Revision	Description/Description	Date/Date
5		
4		
3	Issued for Tender	15/07/09
2	99% Revised Submission	15/06/03
1	99% Submission	15/03/31
0	50% Submission	15/03/05

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
R. DIES

Drawn by/Dessine par
R. DIES

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

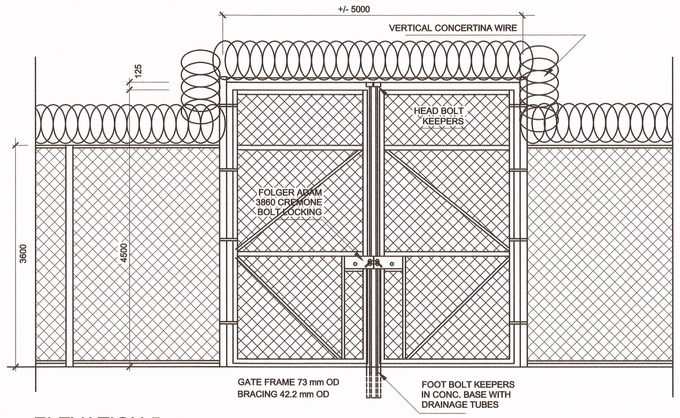
PACIFIC INSTITUTION
33344 KING ROAD
ABBOTSFORD, BRITISH COLUMBIA
SITE PLAN
SCALE 1:750

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A1-PA OF 3	3

DM5XXXXXX

DETAIL 5

PHOTO 3

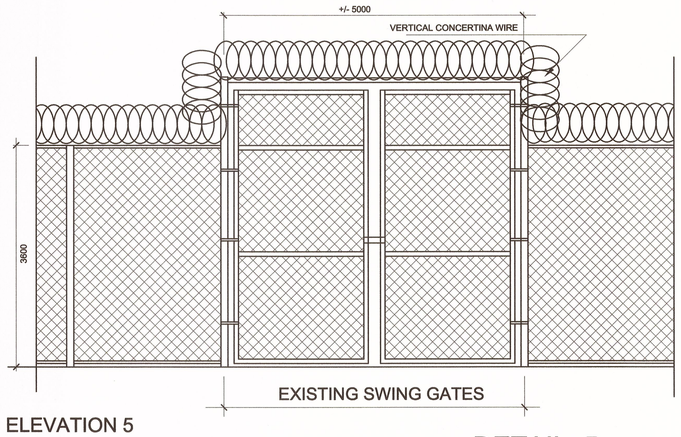


ELEVATION 5

INSTALL ARMS, BARBED WIRE AND
AND CONCERTINA COILS TO MATCH EXISTING

GAPS AROUND GATES TO BE
NO GREATER THAN 125 mm

NEW OR MODIFIED
EXISTING SWING GATES
EMERGENCY ACCESS



ELEVATION 5

DETAIL 5
EXTERIOR FENCE

PHOTO 4

ELEVATION 3

INSTALL ARMS, BARBED WIRE AND
AND CONCERTINA COILS TO MATCH EXISTING

GAPS AROUND GATES TO BE
NO GREATER THAN 125 mm

NEW SWING GATES
EMERGENCY ACCESS

ELEVATION 3

DETAIL 3
INTERIOR FENCE

FENCE REMOVAL PLAN DETAIL 1
SCALE 1:100

PHOTO 2

PHOTO 1

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
R. DIES
BRITISH COLUMBIA
15.07.09

Revision/ Revision	Description/Description	Date/Date
5		
4		
3	Issued for Tender	15/07/09
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Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only

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R. DIES

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DARYL SINCLAIR

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PREETIPAL PAUL

Drawing title/Titre du dessin

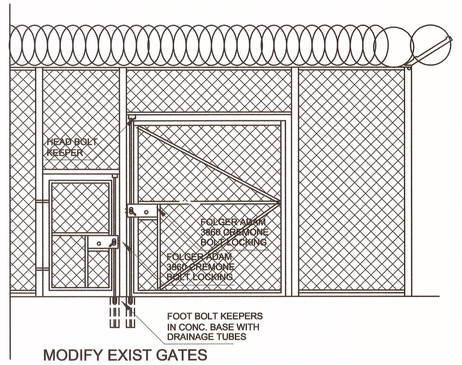
PACIFIC INSTITUTION
33344 KING ROAD
ABBOTSFORD, BRITISH COLUMBIA
DETAILS
SCALE 1:50 U.N.O.

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A2-PA OF 3	3

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

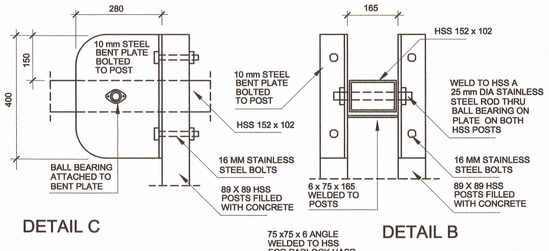
DM5XXXXXX



MODIFY EXIST GATES
TO ADD CREMONE BOLT LOCKING
TO CSC STANDARDS - SEE SPECIFICATION
INCLUDING REDUCING GAPS TO 125MM

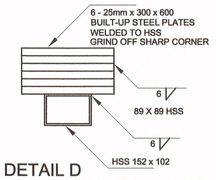
GAPS AROUND GATES TO BE
NO GREATER THAN 125 mm

DETAIL 2
MAINTENANCE ACCESS
PEDESTRIAN ACCESS

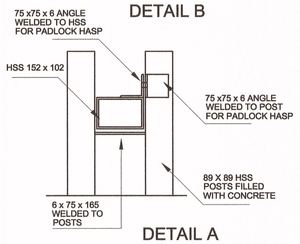


DETAIL C

DETAIL B

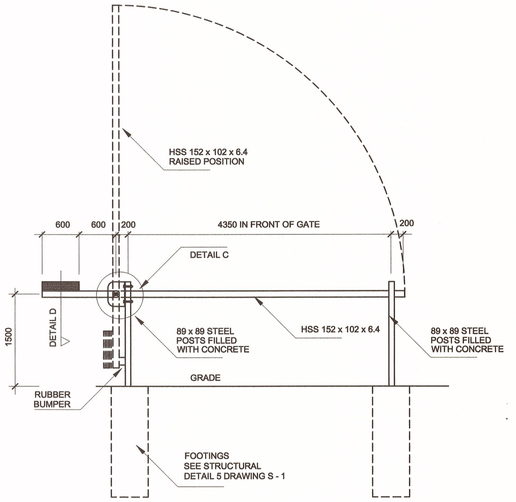


DETAIL D
CONFIRM CORRECT COUNTERBALANCE WEIGHT

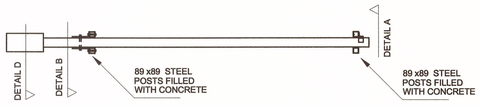


DETAIL A

CRASH BAR
DETAIL 4



CRASH BAR ELEVATION



CRASH BAR PLAN

ALL CRASH BAR STEEL
TO BE HOT DIPPED GALVANIZED

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

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Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
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Drawn by/Dessine par
R. DIES

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

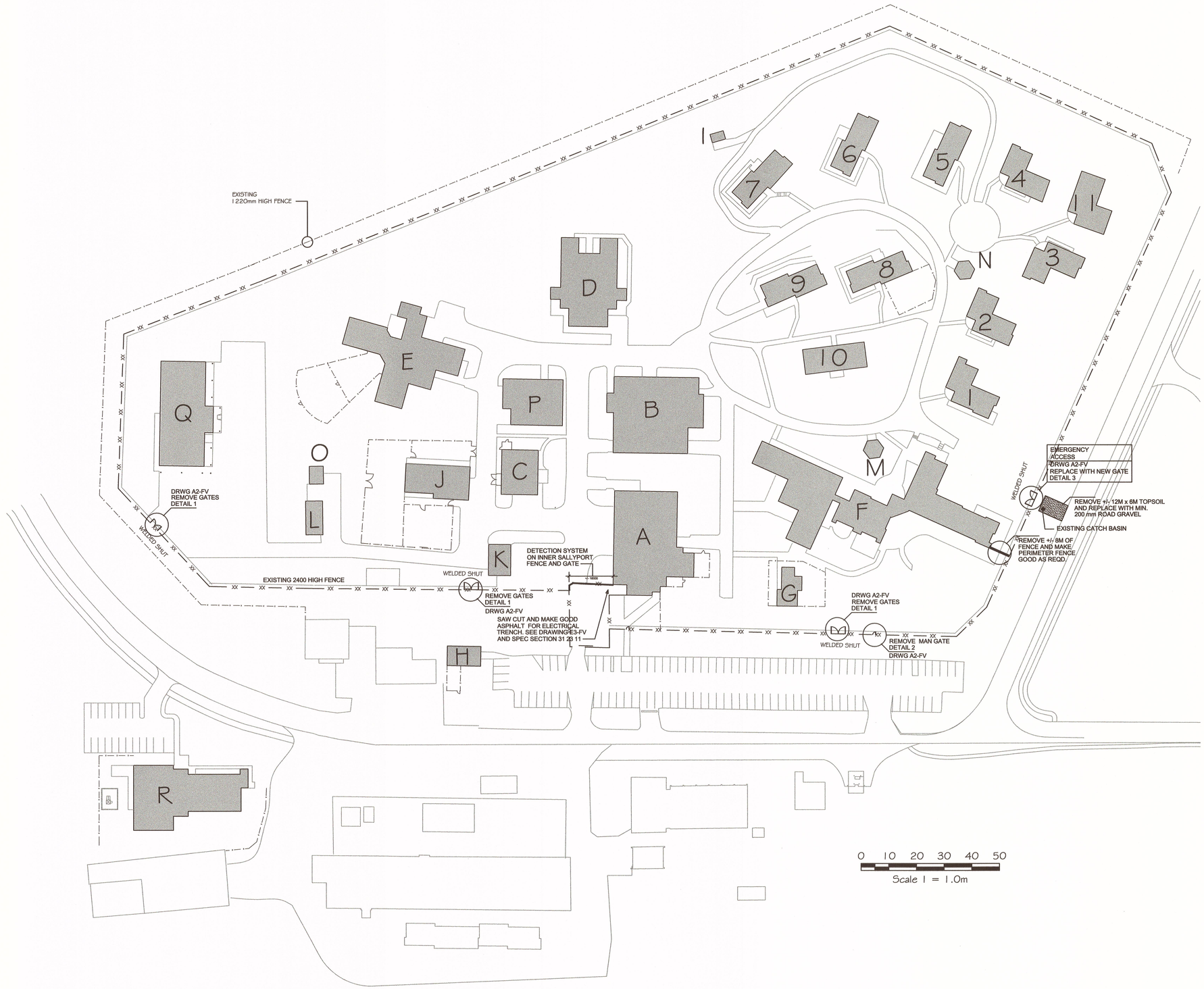
PACIFIC INSTITUTION
33344 KING ROAD
ABBOTSFORD, BRITISH COLUMBIA
DETAILS
SCALE 1:50 U.N.O.

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
R.071529.001	A3-PA OF 3	3

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

DM5XXXXXX



0 10 20 30 40 50 60 70 80 90 100mm

PWGSC – A1 – 841x594

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
R. GREGORY A. DOWLING
BRITISH COLUMBIA
15.07.09

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Drawn by/Dessine par
R. DIES

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

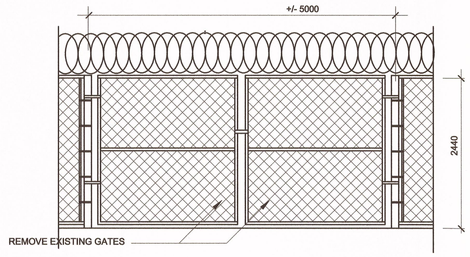
PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

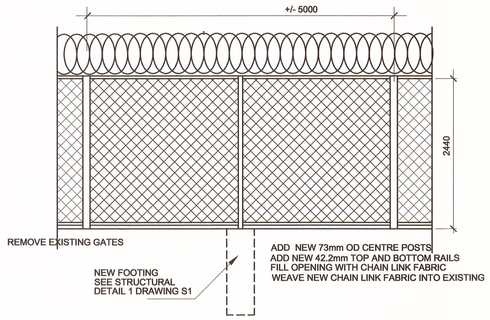
FRASER VALLEY INSTITUTION
33344 KING ROAD
ABBOTSFORD, BRITISH COLUMBIA
SITE PLAN
SCALE 1:750

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A1-FV OF 2	3

DM5XXXXXX

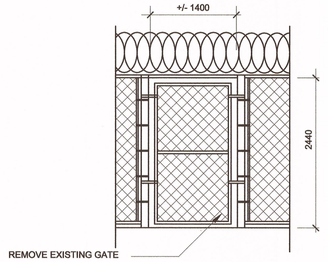


REMOVE EXISTING GATES



FENCE INFILL
TO CSC STANDARDS - SEE SPECIFICATION

DETAIL 1



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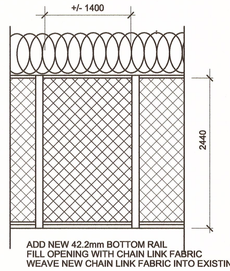
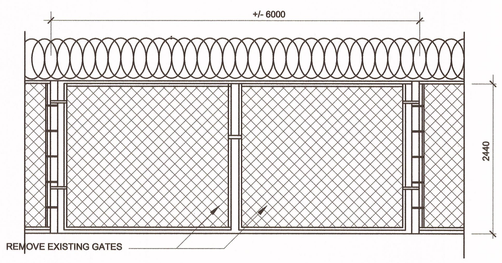
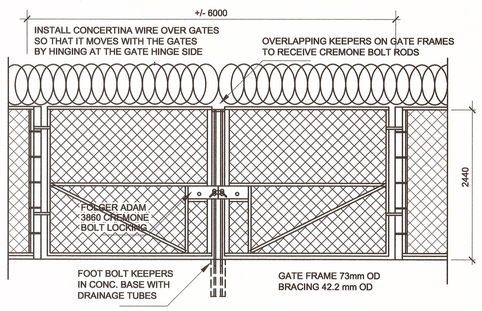


FENCE INFILL
TO CSC STANDARDS - SEE SPECIFICATION

DETAIL 2



REMOVE EXISTING GATES



NEW GATES
TO CSC STANDARDS - SEE SPECIFICATION
EMERGENCY ACCESS

GAPS AROUND GATES TO BE
NO GREATER THAN 125 mm

DETAIL 3

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
GORDON R. DOWLING
BRITISH COLUMBIA
15.07.09

Revision/ Revision	Description/Description	Date/Date
5		
4		
3	Issued for Tender	15/07/09
2	99% Revised Submission	15/06/03
1	99% Submission	15/03/31
0	50% Submission	15/03/05

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
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Drawn by/Dessine par
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PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

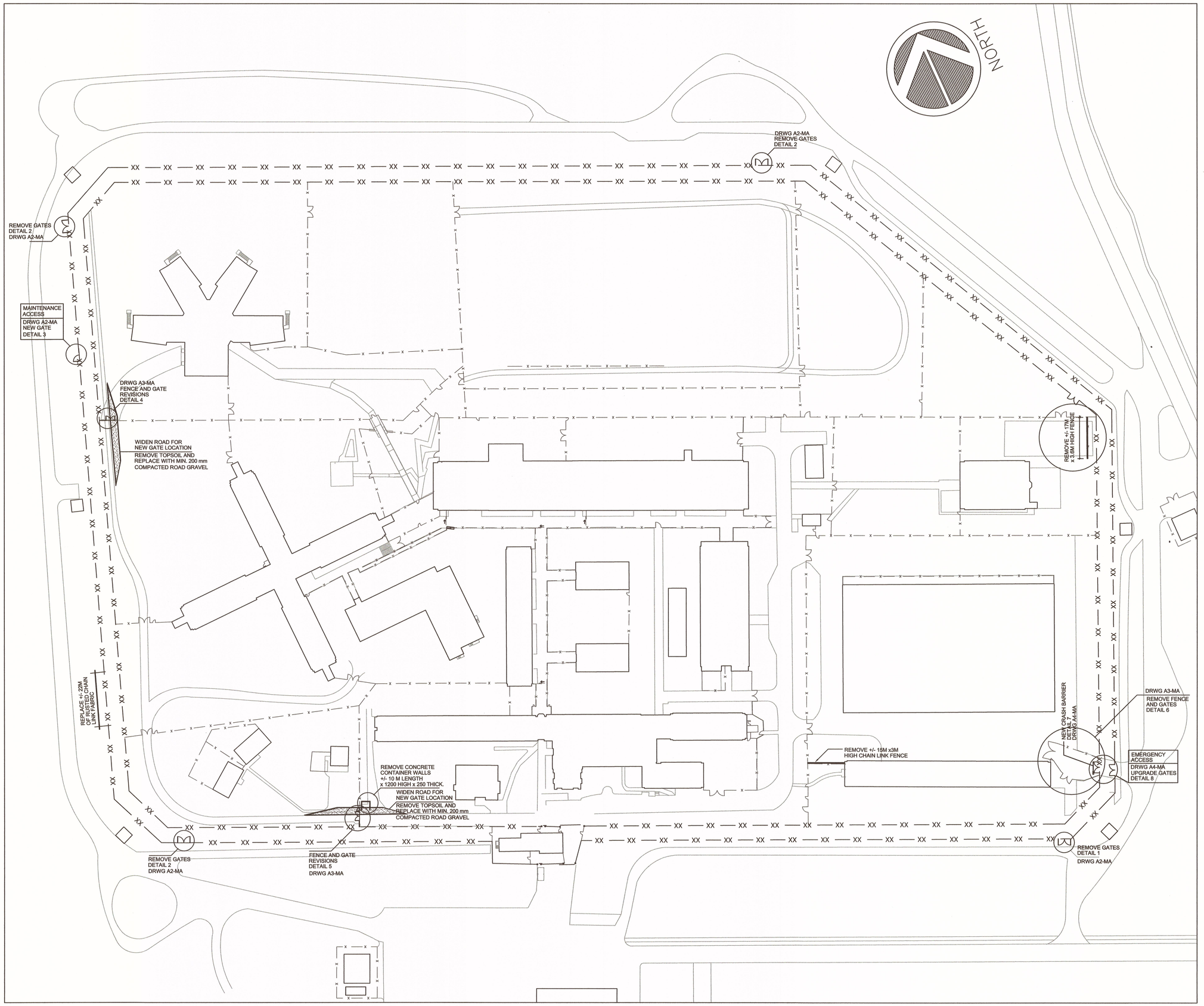
PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

FRASER VALLEY INSTITUTION
33344 KING ROAD
ABBOTSFORD, BRITISH COLUMBIA
DETAILS
SCALE 1:50

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A2-FV OF 2	3

DM5XXXXXX



0 10 20 30 40 50 60 70 80 90 100mm

PWGSC – A1 – 841x594

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
GLENN R. DOWLING
15.07.09
BRITISH COLUMBIA

Revision/ Revision	Description/Description	Date/Date
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PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

MATSQUI INSTITUTION

33344 KING ROAD

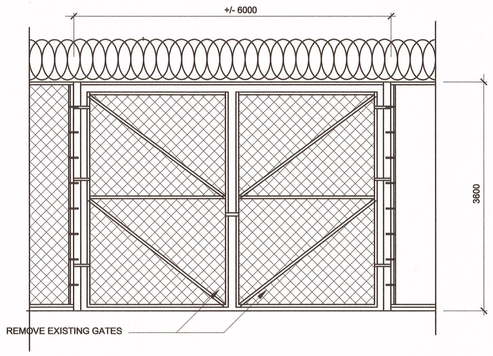
ABBOTSFORD, BRITISH COLUMBIA

SITE PLAN

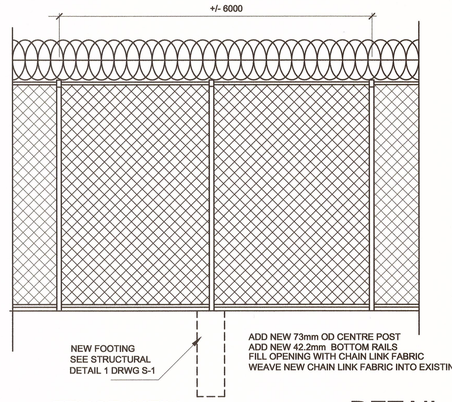
SCALE 1:750

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A1-MA OF 4	3

DM5XXXXXX

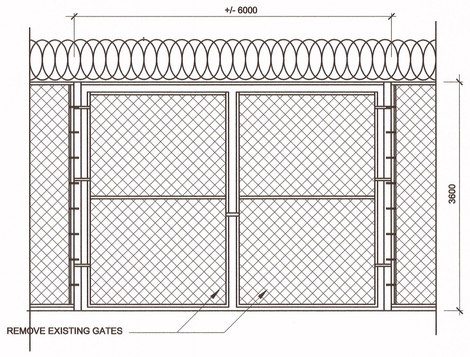


REMOVE EXISTING GATES



FENCE INFILL
TO CSC STANDARDS - SEE SPECIFICATIONS

DETAIL 1



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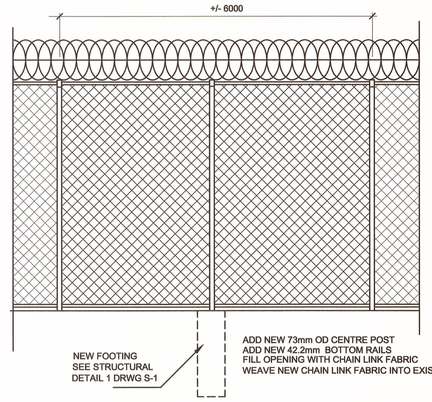
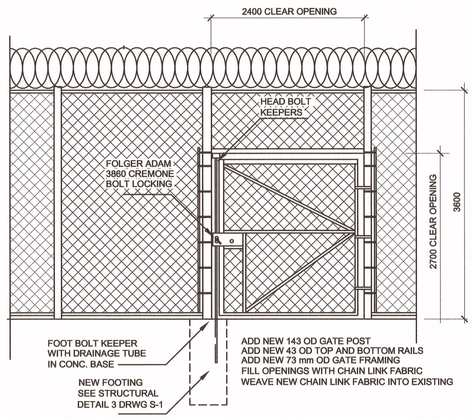


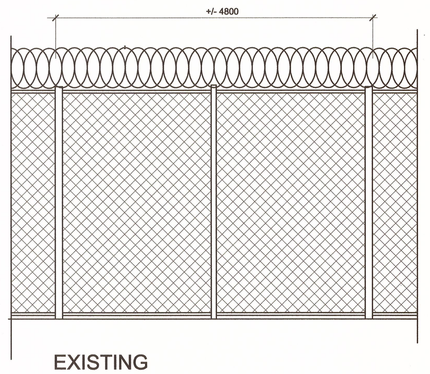
FENCE INFILL
TO CSC STANDARDS - SEE SPECIFICATIONS

DETAIL 2



NEW GATE
TO CSC STANDARDS - SEE SPECIFICATIONS
GAPS AROUND GATES TO BE
NO GREATER THAN 125mm

MAINTENANCE ACCESS



EXISTING

DETAIL 3

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
PROVINCE OF BRITISH COLUMBIA
15.09.09

Revision/ Revision	Description/Description	Date/Date
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Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
R. DIES

Drawn by/Dessine par
R. DIES

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

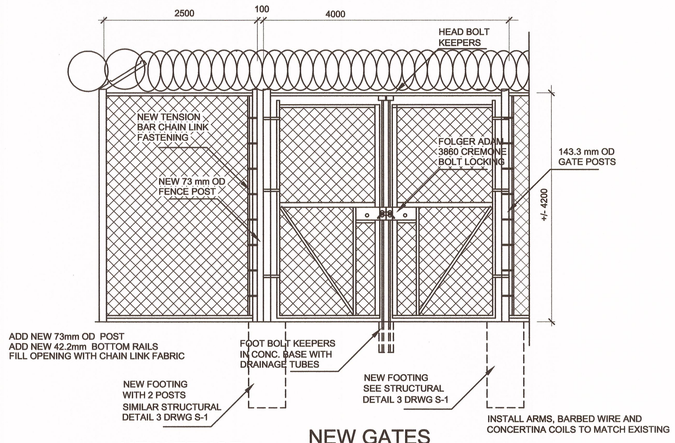
PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

MATSQUI INSTITUTION
33344 KING ROAD
ABBOTSFORD, BRITISH COLUMBIA
DETAILS
SCALE 1:50

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A2-MA OF 4	3

DM5XXXXXX

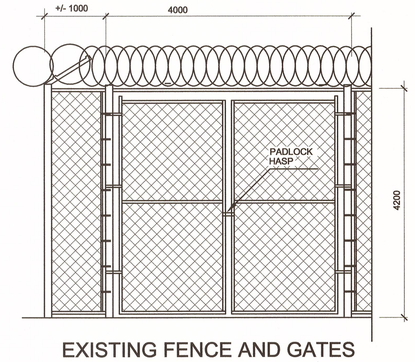


NEW FENCE WITH FDS

NEW GATES

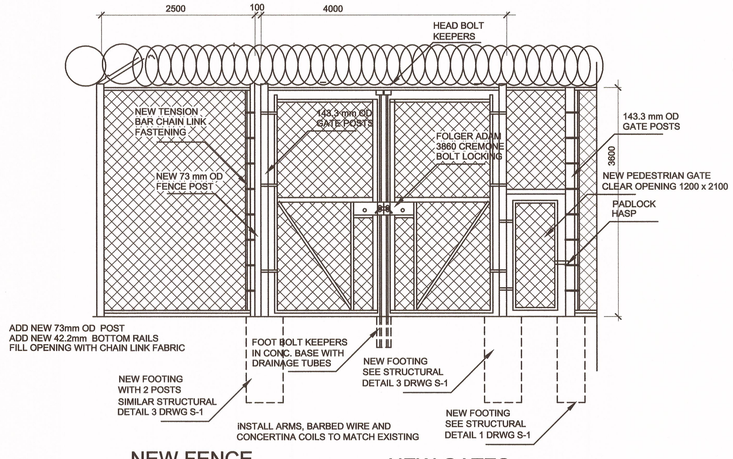
TO CSC STANDARDS - SEE SPECIFICATIONS
73 mm OD GATE FRAMING

GAPS AROUND GATES TO BE NO GREATER THAN 125mm



EXISTING FENCE AND GATES

DETAIL 4
VEHICLE SWING GATE

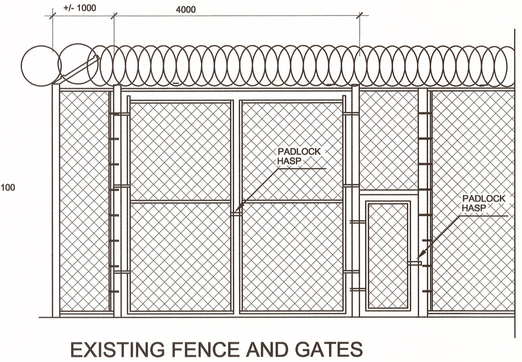


NEW FENCE WITH FDS

NEW GATES

TO CSC STANDARDS - SEE SPECIFICATIONS
73 mm OD GATE FRAMING

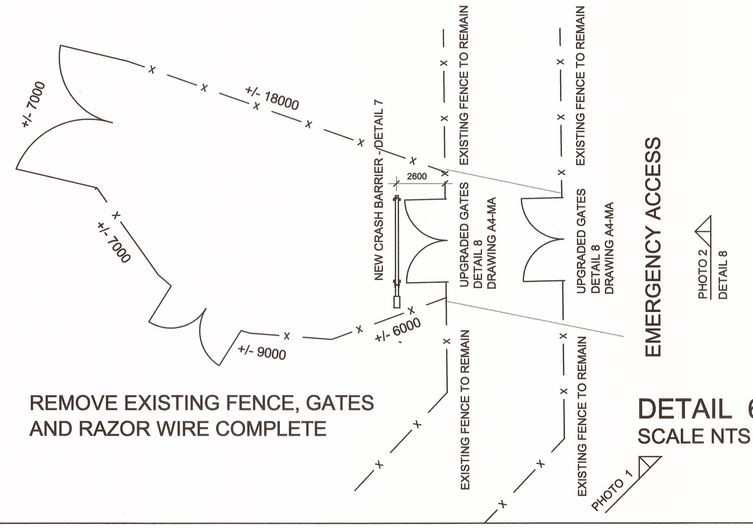
GAPS AROUND GATES TO BE NO GREATER THAN 125mm



EXISTING FENCE AND GATES

DETAIL 5
VEHICLE SWING GATE
PEDESTRIAN ACCESS

PHOTO 1



REMOVE EXISTING FENCE, GATES AND RAZOR WIRE COMPLETE

DETAIL 6
SCALE NTS

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

REGISTERED ARCHITECT
GREGORY T. DOWLING
BRITISH COLUMBIA
15.07.09

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Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
R. DIES

Drawn by/Dessine par
R. DIES

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

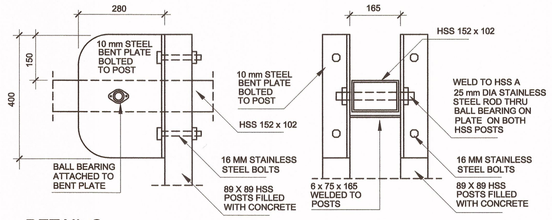
PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

MATSQUI INSTITUTION
33344 KING ROAD
ABBOTSFORD, BRITISH COLUMBIA
DETAILS
SCALE 1:50

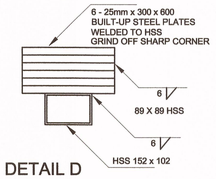
Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	A3-MA OF 4	3

DM5XXXXXX



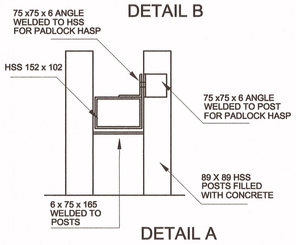
DETAIL C

DETAIL B

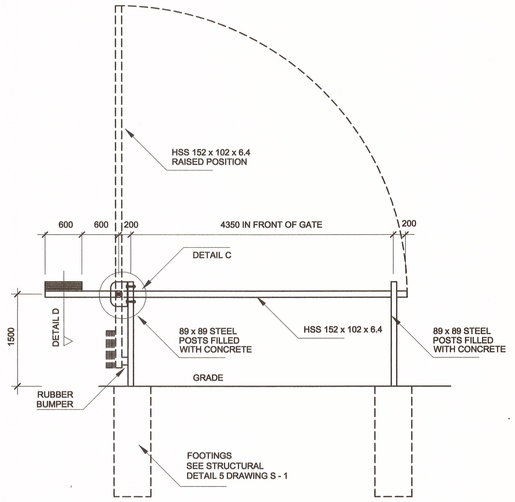


DETAIL D

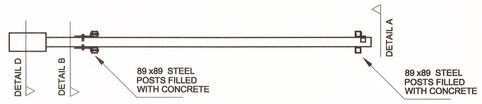
CONFIRM CORRECT COUNTERBALANCE WEIGHT



DETAIL A



CRASH BAR ELEVATION

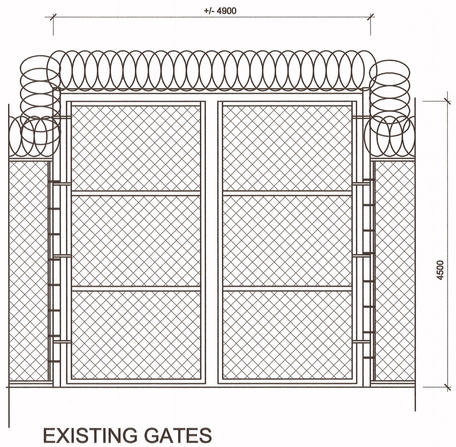


CRASH BAR PLAN

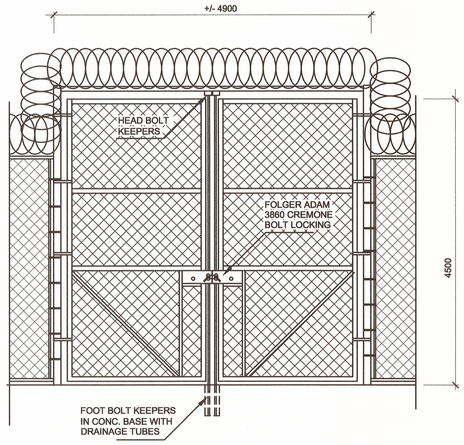
ALL CRASH BAR STEEL TO BE HOT DIPPED GALVANIZED

CRASH BAR DETAIL 7

PHOTO 2



EXISTING GATES



DETAIL 8

MODIFY EXIST GATE
TO ADD CREMONE BOLT LOCKING
REPLACE EXISTING CRASH BARRIER WITH NEW
TO CSC STANDARDS - SEE SPECIFICATION

GAPS AROUND GATES TO BE
NO GREATER THAN 125mm

EMERGENCY ACCESS

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

5		
4		
3	Issued for Tender	15/07/09
2	99% Revised Submission	15/06/03
1	99% Submission	15/03/31
0	50% Submission	15/03/05
Revision/ Revision	Description/Description	Date/Date

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
R. DIES

Drawn by/Dessine par

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

MATSQUI INSTITUTION
33344 KING ROAD
ABBOTSFORD, BRITISH COLUMBIA
DETAILS
SCALE 1:50 U.N.O.

Project No./No. du projet	Sheet/ Feuille	Revision no./ Le Révision no.
R.071529.001	A4-MA OF 4	3

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

DM5XXXXXX

GENERAL NOTES

CONCRETE:

1. CONCRETE, CONCRETE MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO CSA A23.1-09 AND A23.3-04 (R09).
2. CONCRETE PROPERTIES TO BE AS PER TABLE THIS SHEET.
3. CONCRETE MIX DESIGNS TO BE SUBMITTED TO THE DEPARTMENTAL REPRESENTATION FOR REVIEW PRIOR TO COMMENCING THE WORK.
4. CURING AND PROTECTION OF CONCRETE FOR HOT, COLD, OR DRY WEATHER TO BE IN ACCORDANCE WITH CSA A23.1, PART 21. PROVIDE MOIST CURE FOR 3 DAYS MINIMUM (ANY ALTERNATIVE METHOD MUST BE REVIEWED BY DEPARTMENTAL REPRESENTATION).
5. CALCIUM CHLORIDE IS NOT PERMITTED IN CONCRETE MIXES.

REINFORCING STEEL:

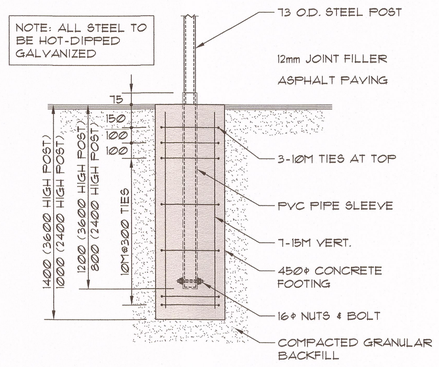
1. TO BE DEFORMED BARS CONFORMING TO CSA G30.18-M, GRADE 400.
2. HOOKS AND FABRICATION DETAILS TO CONFORM TO CAN/CSA A23.1-09.

STEEL ANCHORS

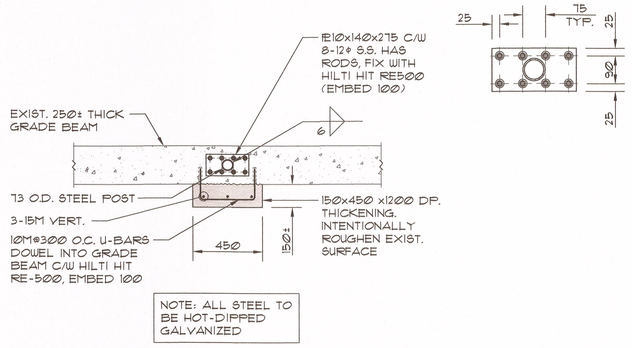
1. PROVIDE ADHESIVE ANCHORS AT ALL DRILLED ANCHORS AND REINF. STEEL LOCATIONS INDICATED ON STRUCTURAL DRAWINGS TO DEPTHS OF EMBEDMENT INDICATED.
2. ADHESIVE TO BE HILTI HIT RE 500 INJECTION ADHESIVE.
3. THREADED ANCHORS TO BE HILTI HIT 'HAS' STANDARD UNLESS OTHERWISE NOTED ON DRAWINGS.
4. PRIOR TO CONSTRUCTION, TRAIN ALL PERSONNEL INVOLVED IN INSTALLATION ON-SITE BY HILTI REPRESENTATIVE. ANCHORS SHALL BE INSTALLED IN STRICT ACCORDANCE TO MANUFACTURER'S SPECIFICATIONS.
5. ANCHOR BOLTS TO CONFORM TO ASTM A307.

ANCHOR DIAMETER	BIT DIAMETER	MINIMUM EMBEDMENT
10M REBAR	16mm	100
16ø ANCHOR	20mm	175

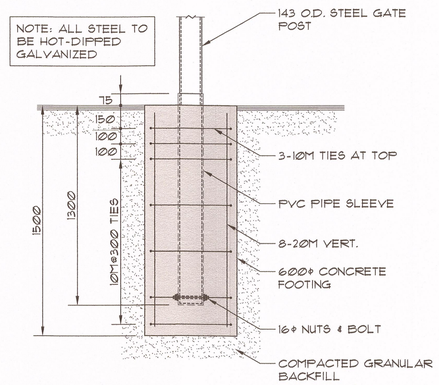
CONCRETE PROPERTIES	UNLESS NOTED OTHERWISE				
ELEMENT	28 DAY STRENGTH MIN. MPa	EXPOSURE CLASS	AIR CONTENT	MAX. AGGREGATE (mm)	SLUMP (mm)
FOOTING, GRADE BEAMS	25	F2	4 to 7%	20	80± 20



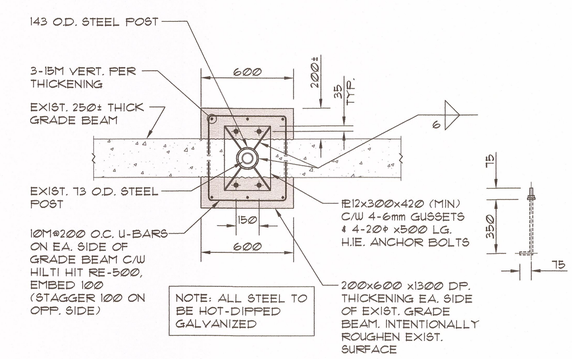
1 — NEW 73mm O.D. POST FOOTING (AT OUTER FENCE) 1:20



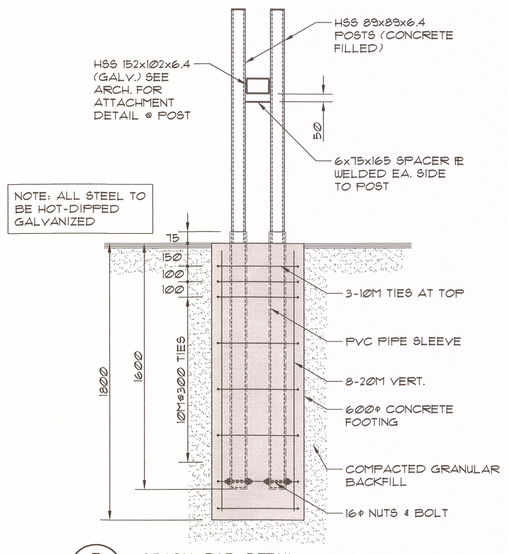
2 — NEW 73mm O.D. POST FOOTING MODIFICATION (AT INNER FENCE) 1:20



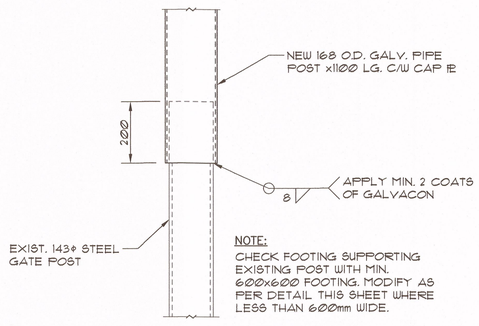
3 — NEW 143mm O.D. POST FOOTING (REPLACING EXISTING 730 POST) AT OUTER FENCE 1:20



4 — NEW 143mm O.D. POST FOOTING MODIFICATION (REPLACE EXISTING 730 POST AT INNER FENCE) 1:20



5 — CRASH BAR DETAIL 1:20



6 — 143Ø POST EXTENSION DETAIL 1:10

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

DGBK

BUSH, BOHLMAN & PARTNERS LLP
consulting structural engineers

PROVINCE OF BRITISH COLUMBIA
M. S. MARIOTTO
PROFESSIONAL ENGINEER
28975
DESIGNATED STRUCTURAL ENGINEER
July 13, 2015

Revision/ Revision	Description/Description	Date/Date
5		
4		
3		
2		
1	ISSUED FOR 99% SUBMISSION	15/05/29
0	ISSUED FOR 95% SUBMISSION	15/03/27

Client/client

CORRECTIONAL SERVICES CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only

Designed by/Concept par
MM

Drawn by/Dessine par
ML

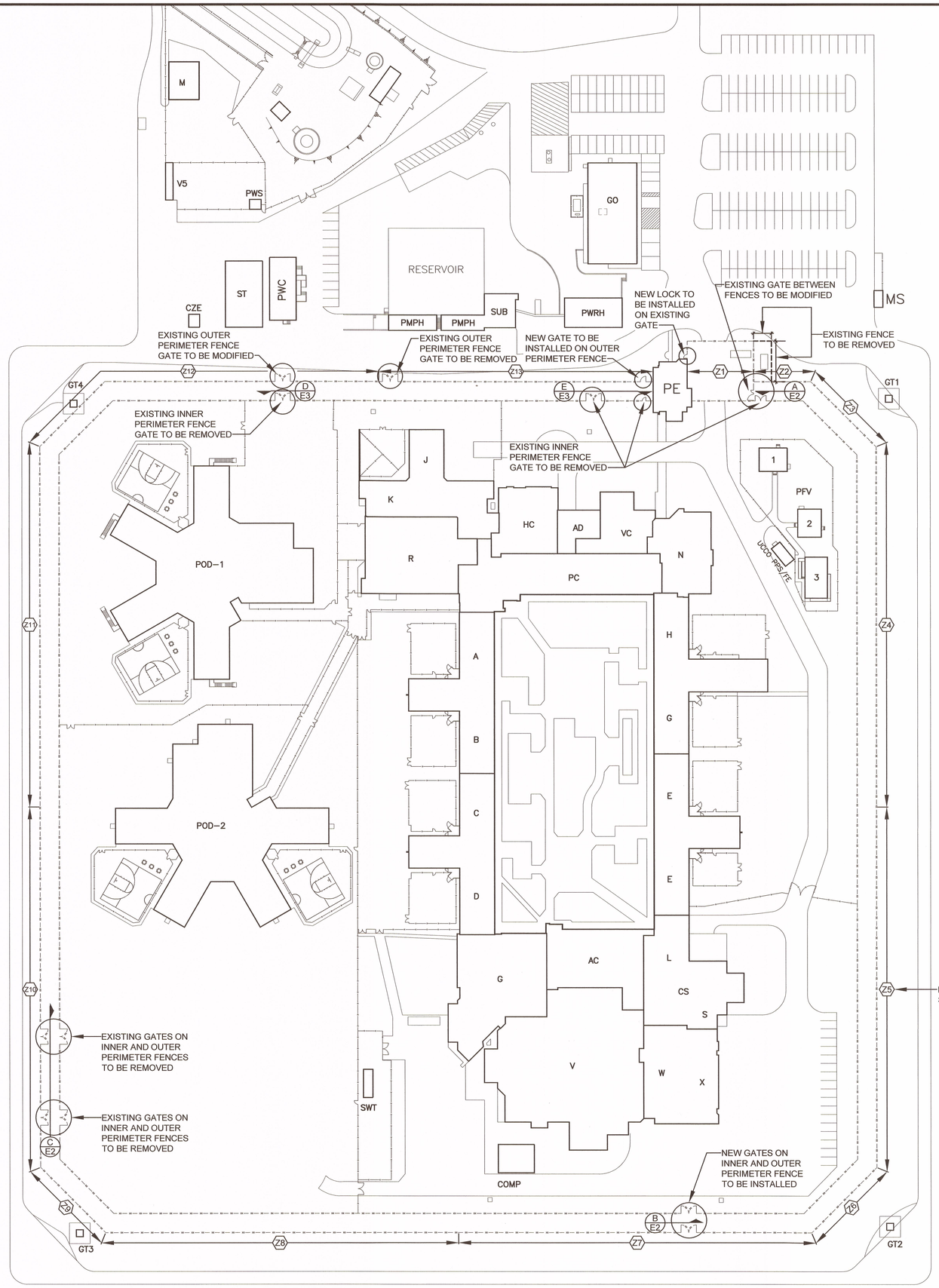
PWGSC Project Manager/Administrateur de Projets TPSGC

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC

Drawing title/Titre du dessin

TYPICAL STRUCTURAL DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.017529.001	S - 1 OF 1	1



SITE PLAN
SCALE 1:750

0 10 20 30 40 50
SCALE 1:750

0 10 20 30 40 50 60 70 80 90 100mm

PWGSC – A1 – 841x594

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. DEZFOOLI
31916
JUNE 26/2015

Revision/ Revision	Description/Description	Date/Date
5		
4		
3		
2	ISSUED FOR TENDER	15/06/17
1	99% REVISED SUBMISSION	15/06/03
0	99% SUBMISSION	15/03/31

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only
N/A

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T. JEREB

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DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

KENT INSTITUTION
4732 CEMETERY ROAD
AGASSIZ, BRITISH COLUMBIA

SITE PLAN

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	E1-KT OF 3	2

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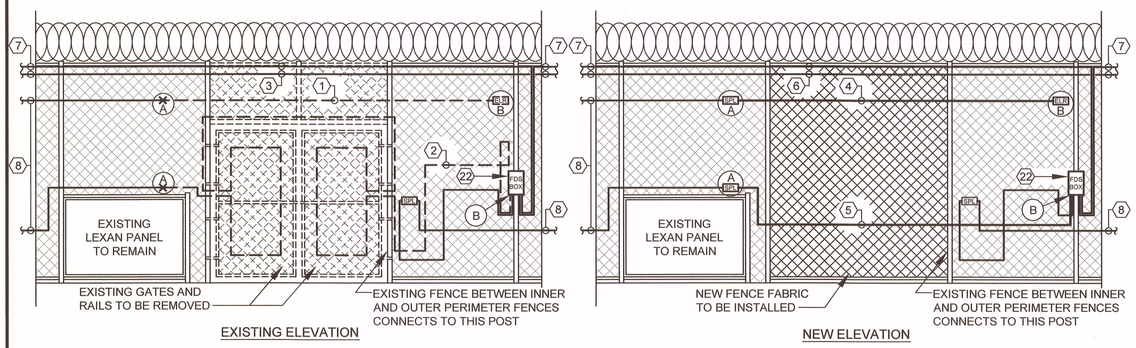
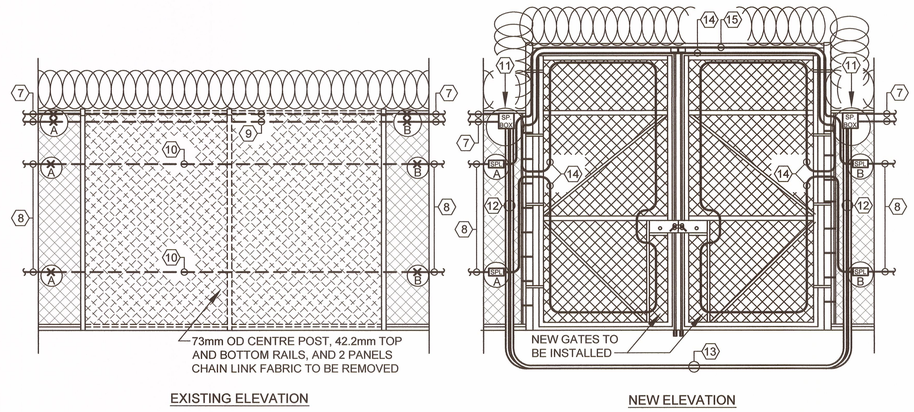


ELEVATION A / E1

SCALE 1:50



ELEVATION B / E1

SCALE 1:50

ELEVATION C / E1

SCALE 1:50

KEY NOTES

1. CUT EXISTING FDS CABLE AT POINT `A'. REMOVE EXISTING END-OF-LINE RESISTOR (TERMINATION KIT) AT POINT `B' AND REMOVE FDS CABLE FROM FENCE FABRIC TO BE REMOVED ABOVE EXISTING EXISTING GATES
2. CUT EXISTING FDS CABLE AT POINT `A' AND DISCONNECT FROM FDS BOX AT POINT `B'. REMOVE FDS CABLE FROM GATES TO BE REMOVED
3. REMOVE EXISTING TIE-WRAPS ON EXISTING PIDS P/A CABLE AND FDS PROCESSOR CABLE FROM TOP FENCE RAIL TO ALLOW FOR REMOVAL OF EXISTING FENCE FABRIC
4. S & I NEW FDS SPLICE KIT AT POINT `A' AND NEW END-OF-LINE RESISTOR (TERMINATION KIT) AT POINT `B'. S & I NEW FDS CABLE ON NEW FENCE FABRIC BETWEEN POINTS `A' & `B'
5. S & I NEW FDS SPLICE KIT AT POINT`A' AND NEW FDS CABLE ON NEW FENCE FABRIC BETWEEN NEW SPLICE KIT AND FDS BOX AT POINT `B'
6. TIE-WRAP EXISTING PIDS P/A CABLE AND FDS PROCESSOR CABLE TO TOP FENCE RAIL AFTER NEW FENCE FABRIC IS INSTALLED
7. EXISTING FDS PROCESSOR COMM. CABLE AND PIDS P/A CABLE TIE-WRAPPED TO UPPER RAIL TO REMAIN
8. EXISTING FDS CABLE TO REMAIN (TYPICAL)
9. CUT EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE AT POINTS `A' & `B' AND REMOVE EXISTING CABLES BETWEEN POINTS `A' & `B'
10. CUT EXISTING FDS CABLE AT POINTS `A' & `B' AND REMOVE EXISTING CABLES BETWEEN POINTS `A' & `B'
11. S & I NEW SPLICE BOX FASTENED TO TOP OF FENCE. SPLICE EXISTING FDS PROCESSOR CABLE TO NEW FDS PROCESSOR CABLE INSTALLED IN NEW CONDUIT BETWEEN SPLICE BOXES. SPLICE EXISTING PIDS P/A CABLE TO NEW PIDS P/A CABLE INSTALLED IN NEW CONDUIT BETWEEN SPLICE BOXES. SEE NEW SPLICE BOX DETAIL AND SPLICE BOX MOUNTING DETAIL ON DWG. E3
12. S & I 2 NEW 53mm RIGID STEEL CONDUITS FASTENED TO FENCE FABRIC AND. S & I NEW FDS PROCESSOR CABLE IN ONE CONDUIT AND NEW PIDS P/A CABLE IN THE OTHER CONDUIT
13. S & I 2 NEW 53mm RIGID PVC CONDUITS UNDERGROUND. S & I NEW FDS COMM. CABLE IN ONE CONDUIT AND NEW PIDS P/A CABLE IN THE OTHER CONDUIT. SEE NEW U/G TRENCH DETAIL ON DWG. E3
14. S & I NEW FDS SPLICE KITS AT POINTS `A' & `B' ON LOWER EXISTING FDS CABLES AND NEW FDS CABLES BETWEEN NEW SPLICE KITS. INSTALL CABLES FROM NEW SPLICE KIT AT POINT `A' - ONTO GATE - OFF GATE AND OVER UPPER RAIL ABOVE NEW GATES - ONTO GATE ON OTHER SIDE AND BACK OFF GATE TO NEW FDS SPLICE KIT AT POINT `B'
15. S & I NEW FDS SPLICE KITS AT POINTS `A' & `B' ON UPPER EXISTING FDS CABLES AND NEW FDS CABLES OVER UPPER RAIL ABOVE NEW GATES BETWEEN NEW SPLICE KITS.
16. REMOVE EXISTING SPLICE KITS ON LOWER FDS CABLES AT POINTS `A' & `B' AND REMOVE ALL FDS CABLES ON EXISTING GATES AND CROSS RAILS ABOVE GATES TO BE REMOVED AND FROM EXISTING FENCE FABRIC BETWEEN THE TWO GATE LOCATIONS
17. REMOVE EXISTING SPLICE KITS ON UPPER FDS CABLES AT POINTS `A' & `B' AND REMOVE ALL FDS CABLES ON EXISTING CROSS RAILS ABOVE GATES TO BE REMOVED AND FROM EXISTING FENCE FABRIC BETWEEN THE TWO GATE LOCATIONS
18. PROVIDE TEMPORARY SUPPORTS AND MECHANICAL PROTECTION OF EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE TIE-WRAPPED TO UPPER RAIL ABOVE GATES TO ALLOW FOR REMOVAL OF GATES
19. S & I NEW FDS SPLICE KIT AT POINTS `A' & `B' AND NEW FDS CABLE ON NEW AND EXISTING FENCE FABRIC BETWEEN NEW SPLICE KITS
20. LOWER EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE ONTO NEW UPPER RAIL ABOVE NEW GATES AND TIE-WRAP CABLES TO NEW UPPER RAIL
21. NEATLY COIL ALL EXCESS EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE AND SECURELY TIE-WRAP ONTO UPPER RAIL OF EXISTING FENCING
21. NEATLY COIL ALL EXCESS EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE AND SECURELY TIE-WRAP ONTO UPPER RAIL OF EXISTING FENCING
22. EXISTING FDS SYSTEM PROCESSOR BOX TO REMAIN

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
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Région de Pacifique

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA
M. DEZFOOLI
31916
JUNE 26/2015

Revision/ Revision	Description/Description	Date/Date
5		
4		
3		
2	ISSUED FOR TENDER	15/06/17
1	99% REVISED SUBMISSION	15/06/03
0	99% SUBMISSION	15/03/31

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only
N/A

Designed by/Concept par
T. JEREB

Drawn by/Dessine par
T. JEREB

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

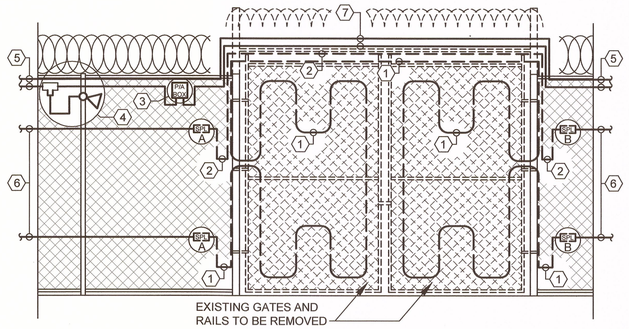
Drawing title/Titre du dessin

KENT INSTITUTION
4732 CEMETERY ROAD
AGASSIZ, BRITISH COLUMBIA

FENCE ELEVATIONS

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	E2-KT OF 3	2

DM5XXXXXX



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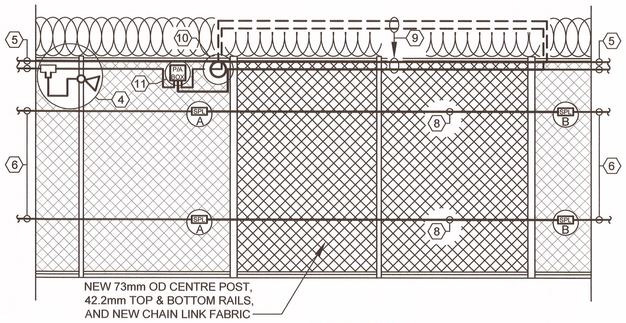
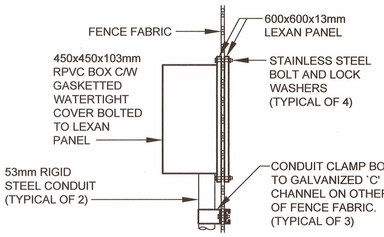


NEW ELEVATION

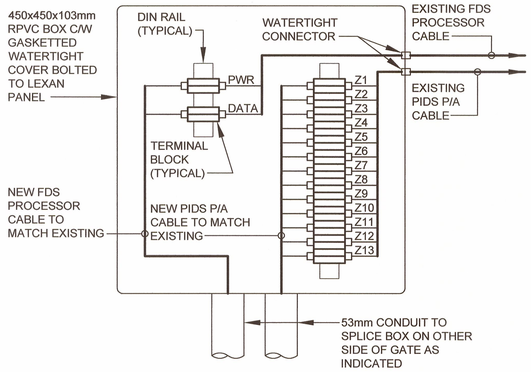
ELEVATION (D / E1)

SCALE 1:50



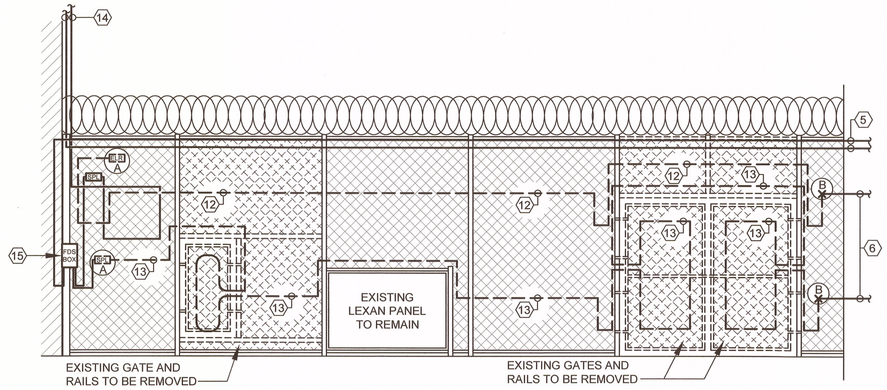
NEW SPLICE BOX MOUNTING DETAIL

SCALE N.T.S.



NEW SPLICE BOX DETAIL

SCALE N.T.S.



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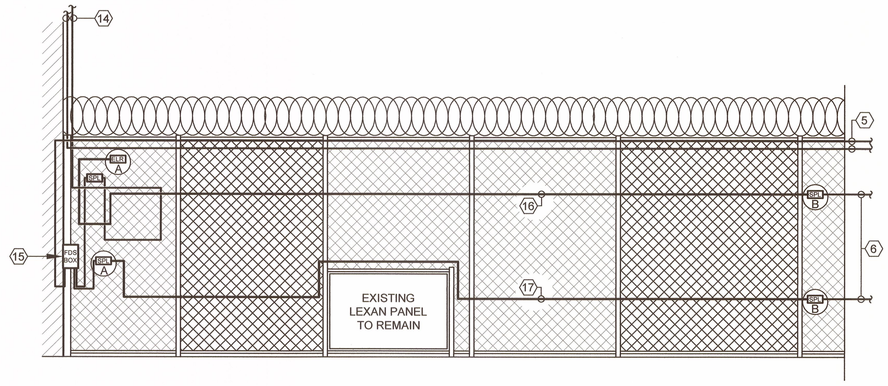


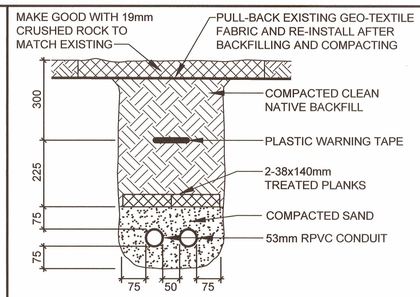
NEW ELEVATION

ELEVATION (E / E1)

SCALE 1:50

KEY NOTES

1. REMOVE EXISTING SPLICE KITS ON LOWER FDS CABLES AT POINTS `A' & `B' AND REMOVE ALL FDS CABLES ON EXISTING GATES AND CROSS RAILS ABOVE GATES TO BE REMOVED
2. REMOVE EXISTING SPLICE KITS ON UPPER FDS CABLES AT POINTS `A' & `B' AND REMOVE ALL FDS CABLES ON EXISTING CROSS RAILS ABOVE GATES TO BE REMOVED
3. EXISTING PIDS P/A SYSTEM SPLICE BOX TO REMAIN
4. EXISTING PIDS P/A SYSTEM SPEAKER AND SPLICE FITTING TO REMAIN
5. EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE TIE-WRAPPED TO UPPER RAIL TO REMAIN
6. EXISTING FDS CABLE TO REMAIN (TYPICAL)
7. PROVIDE TEMPORARY SUPPORTS AND MECHANICAL PROTECTION OF EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE TIE-WRAPPED TO UPPER RAIL ABOVE GATES TO ALLOW FOR REMOVAL OF GATES
8. S & I NEW FDS SPLICE KIT AT POINTS `A' & `B' AND NEW FDS CABLE ON NEW FENCE FABRIC BETWEEN NEW SPLICE KITS
9. LOWER EXISTING FDS PROCESSOR COMM. CABLE AND PIDS P/A CABLE ONTO NEW UPPER RAILS AND SECURELY TIE-WRAP TO NEW UPPER RAIL
10. NEATLY COIL ALL EXCESS EXISTING FDS PROCESSOR CABLE AND SECURELY TIE-WRAP ONTO UPPER RAIL OF EXISTING FENCING
11. CUT EXCESS PIDS P/A CABLE AND RE-TERMINATE IN EXISTING PIDS P/A SPLICE BOX
12. CUT EXISTING UPPER FDS CABLE AT POINT `B'. REMOVE EXISTING END-OF-LINE RESISTOR (TERMINATION KIT) AT POINT `A' . REMOVE ALL EXISTING FDS CABLE BETWEEN POINTS `A' & `B'
13. CUT EXISTING LOWER FDS CABLE AT POINT `B'. REMOVE EXISTING FDS SPLICE KIT AT POINT `A'. REMOVE ALL EXISTING FDS CABLE ON EXISTING GATES AND FENCING BETWEEN POINTS `A' & `B'
14. EXISTING PIDS P/A CABLE AND FDS CABLE TO ROOF OF PRINCIPAL ENTRANCE BUILDING TO REMAIN
15. EXISTING FDS SYSTEM PROCESSOR BOX TO REMAIN
16. S & I NEW FDS SPLICE KIT AT POINT `B' AND NEW END-OF-LINE RESISTOR (TERMINATION KIT) AT POINT `A'. S & I NEW FDS CABLE ON NEW AND EXISTING FENCE FABRIC BETWEEN POINTS `A' & `B'
17. S & I NEW FDS SPLICE KITS AT POINTS `A' & `B". S & I NEW FDS CABLE ON NEW AND EXISTING FENCE FABRIC BETWEEN POINTS `A' & `B'



NEW U/G TRENCH DETAIL

SCALE N.T.S.

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA
M. DEZFOOLI
31916
CANADA
JUNE 26 / 2015

Revision/ Revision	Description/Description	Date/Date
5		
4		
3		
2	ISSUED FOR TENDER	15/06/17
1	99% REVISED SUBMISSION	15/06/03
0	99% SUBMISSION	15/03/31

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only
N/A

Designed by/Concept par
T. JEREB

Drawn by/Dessine par
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DARYL SINCLAIR

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PREETIPAL PAUL

Drawing title/Titre du dessin

KENT INSTITUTION
4732 CEMETERY ROAD
AGASSIZ, BRITISH COLUMBIA

FENCE ELEVATIONS

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
R.071529.001	E3-KT OF 3	2

PWGSC – A1 – 841x594

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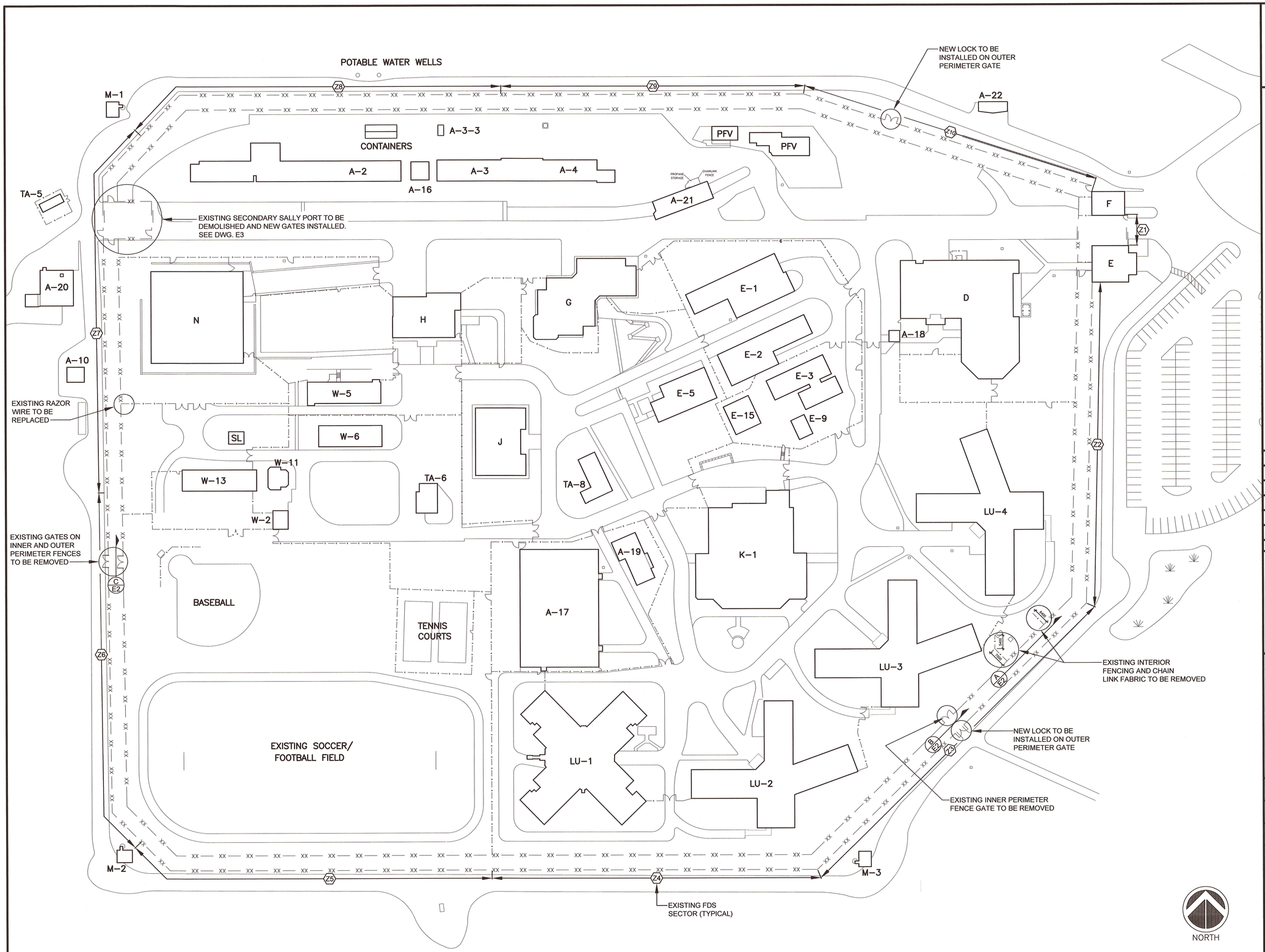
DM5XXXXXX



SITE PLAN
SCALE 1:750

0 10 20 30 40 50
SCALE 1:750

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. DEZFOOLI
#36916
JUNE 26/2015

5		
4		
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2	ISSUED FOR TENDER	15/06/17
1	99% REVISED SUBMISSION	15/06/03
0	99% SUBMISSION	15/03/31
Revision/ Revision	Description/Description	Date/Date

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only
N/A

Designed by/Concept par
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PREETIPAL PAUL

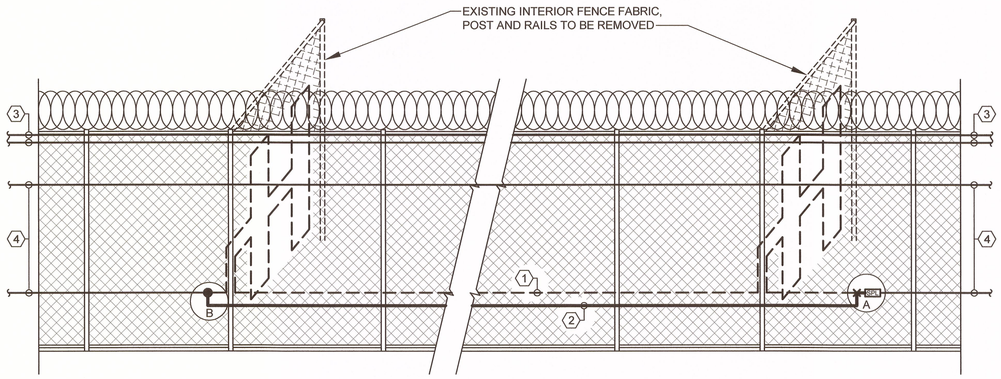
Drawing title/Titre du dessin

MOUNTAIN INSTITUTION
4732 CEMETERY ROAD
AGASSIZ, BRITISH COLUMBIA

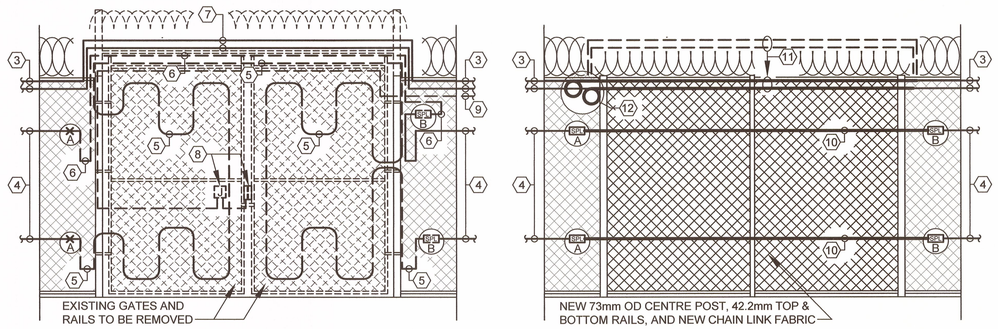
SITE PLAN

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	E1-MO OF 3	2

DM5XXXXXX



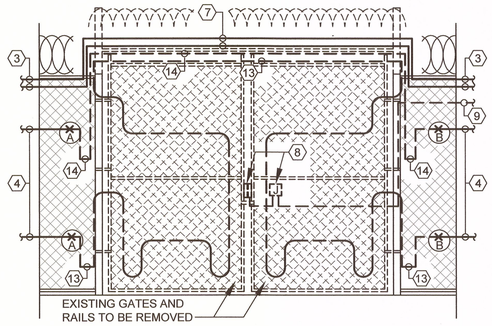
ELEVATION A / E1
SCALE 1:50



EXISTING ELEVATION

NEW ELEVATION

ELEVATION B / E1
SCALE 1:50



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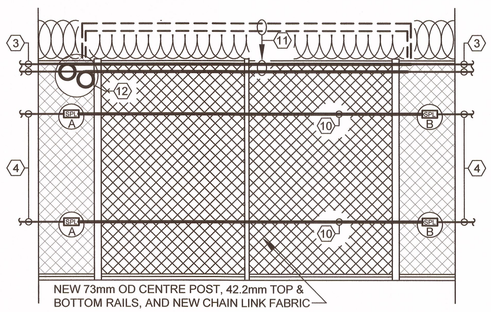
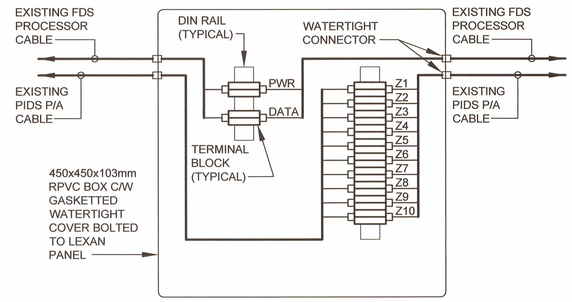


NEW ELEVATION

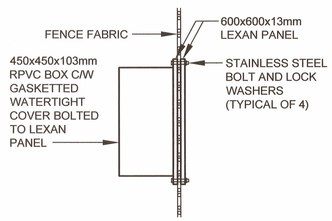
ELEVATION C / E1
SCALE 1:50



NEW SPLICE BOX DETAIL
SCALE N.T.S.

KEY NOTES

1. CUT EXISTING FDS CABLE AT POINT `A'. REMOVE EXISTING FDS CABLE FROM INTERIOR FENCE FABRIC TO BE REMOVED AND INNER PERIMETER FENCE AND PULL BACK TO POINT `B'
2. S & I NEW FDS SPLICE KIT AT POINT `A' AND RE-INSTALL EXISTING FDS CABLE FROM POINT `B' TO POINT `A'
3. EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE TIE-WRAPPED TO UPPER RAIL TO REMAIN
4. EXISTING FDS CABLE TO REMAIN (TYPICAL)
5. CUT EXISTING LOWER FDS CABLE AT POINT `A'. AND REMOVE EXISTING FDS SPLICE KIT AT POINT `B'. REMOVE ALL FDS CABLE FROM GATES AND CROSS RAILS ABOVE GATES TO BE REMOVED
6. CUT EXISTING UPPER FDS CABLE AT POINT `A'. AND REMOVE EXISTING FDS SPLICE KIT AT POINT `B'. REMOVE ALL FDS CABLE FROM EXISTING CROSS RAILS ABOVE GATES TO BE REMOVED
7. PROVIDE TEMPORARY SUPPORTS AND MECHANICAL PROTECTION OF EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE TIE-WRAPPED TO UPPER RAIL ABOVE GATES TO ALLOW FOR REMOVAL OF GATES
8. REMOVE EXISTING MAGNETIC GATE POSITION SWITCH AND JUNCTION BOX AND TURN-OVER POSTION SWITCH TO PWGSC.
9. REMOVE ALL EXISTING MAGNETIC GATE POSITION SWITCH WIRING TO EXISTING SECTOR 3 FDS PROCESSOR BOX
10. S & I NEW FDS SPLICE KIT AT POINTS `A' & `B' AND NEW FDS CABLE ON NEW FENCE FABRIC BETWEEN NEW SPLICE KITS
11. LOWER EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE ONTO NEW UPPER RAILS AND SECURELY TIE-WRAP TO NEW UPPER RAIL
12. NEATLY COIL ALL EXCESS EXISTING FDS PROCESSOR COMM. CABLE AND PIDS P/A CABLE AND SECURELY TIE-WRAP ONTO UPPER RAIL OF EXISTING FENCING
13. CUT EXISTING LOWER FDS CABLE AT POINTS `A' & `B'. REMOVE ALL FDS CABLE FROM GATES AND CROSS RAILS ABOVE GATES TO BE REMOVED
14. CUT EXISTING UPPER FDS CABLE AT POINTS `A' & `B'. REMOVE ALL FDS CABLE FROM EXISTING CROSS RAILS ABOVE GATES TO BE REMOVED



NEW SPLICE BOX MOUNTING DETAIL
SCALE N.T.S.

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — M. DEZFOOLI 31916 — June 26/2015

Revision/ Revision	Description/Description	Date/Date
5		
4		
3		
2	ISSUED FOR TENDER	15/06/17
1	99% REVISED SUBMISSION	15/06/03
0	99% SUBMISSION	15/03/31

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only
N/A

Designed by/Concept par
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Drawn by/Dessine par
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PREETIPAL PAUL

Drawing title/Titre du dessin

MOUNTAIN INSTITUTION
4732 CEMETERY ROAD
AGASSIZ, BRITISH COLUMBIA

FENCE ELEVATIONS

Project No./No. du projet	Sheet/Feuille	Revision no./ Le Révision no.
R.071529.001	E2-MO OF 3	2

PWGSC – A1 – 841x594

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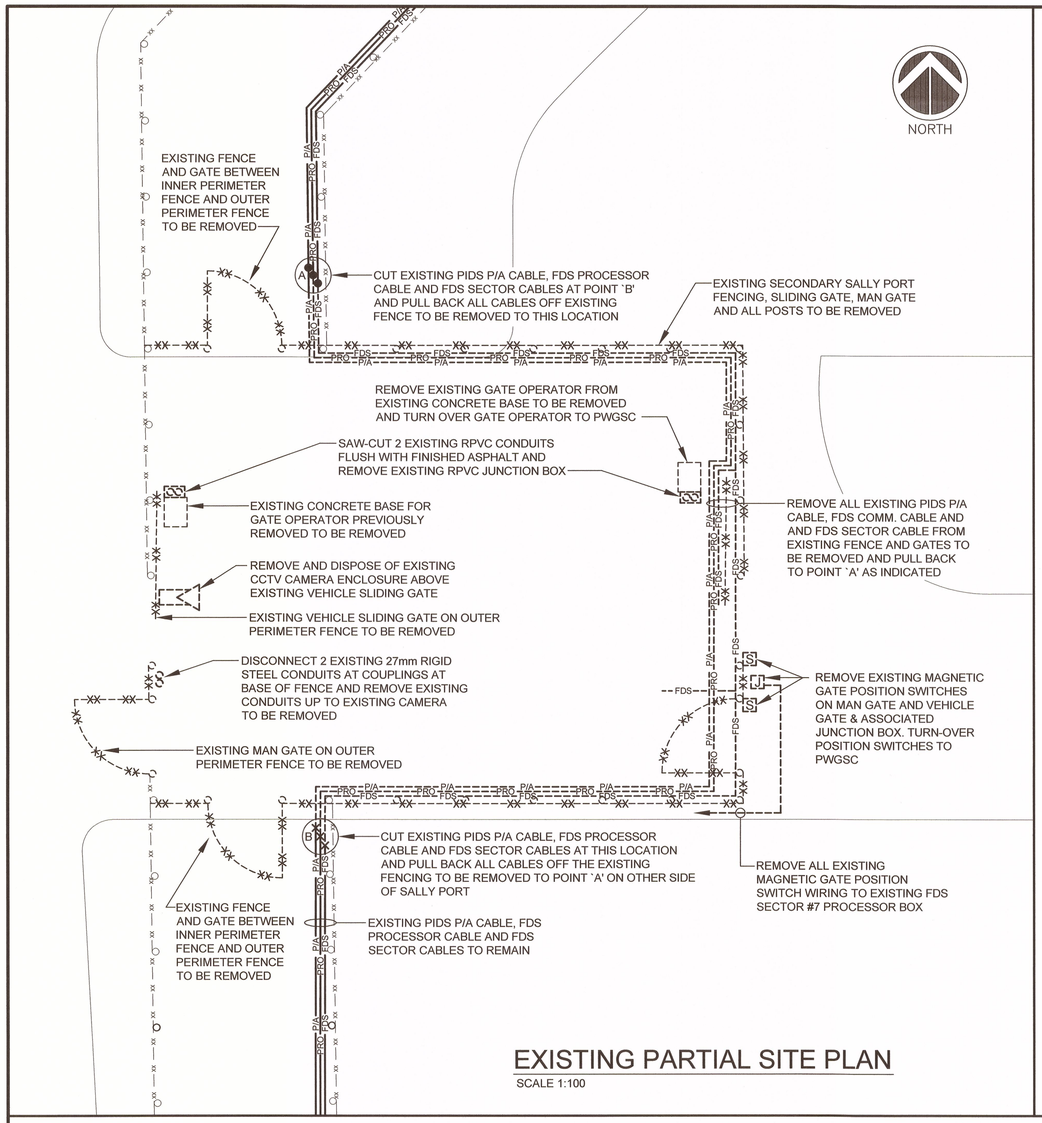
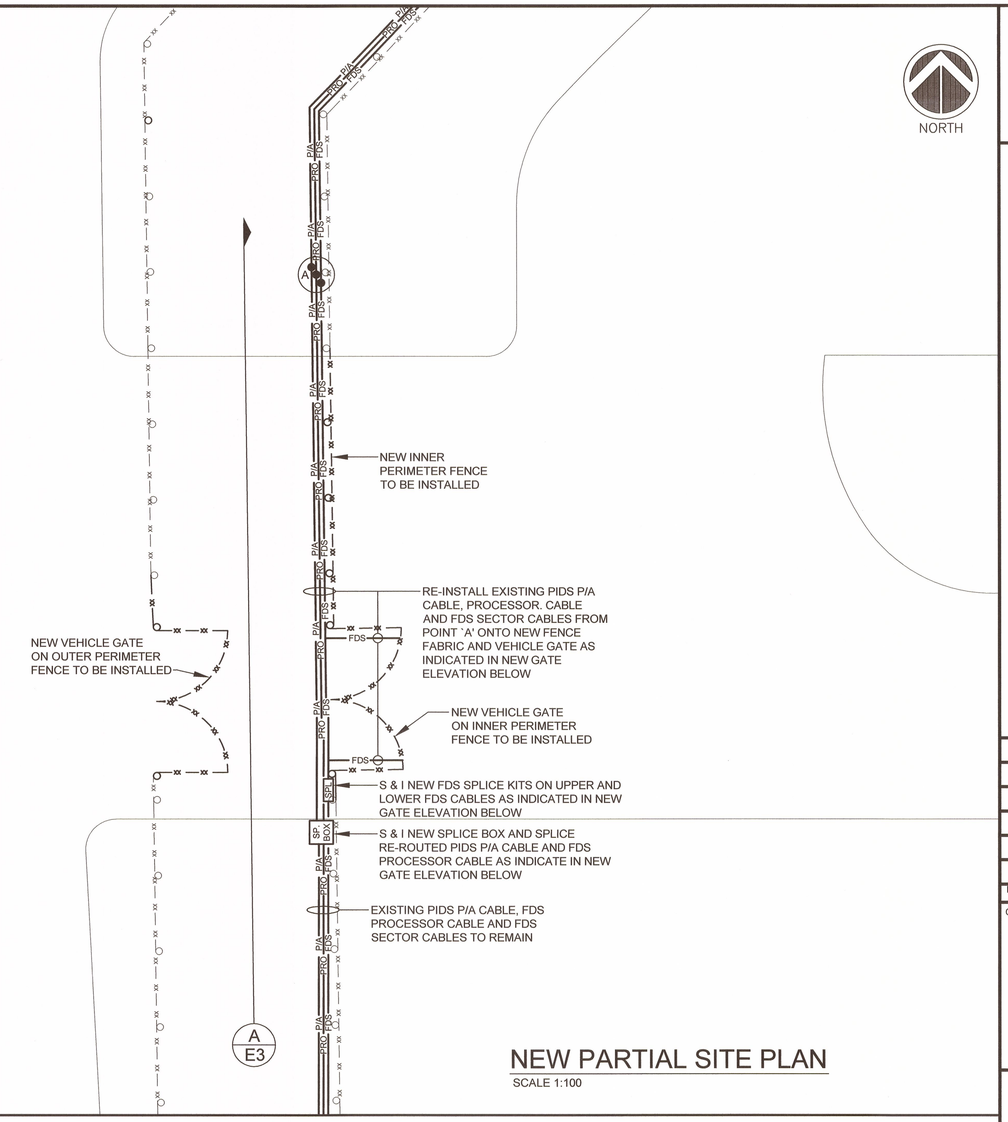
DM5XXXXXX



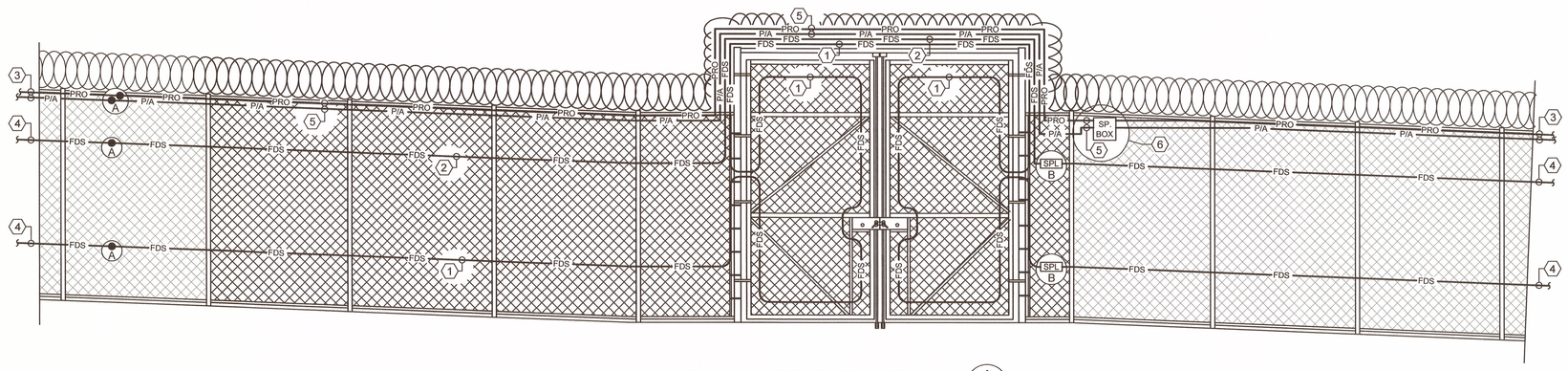
EXISTING PARTIAL SITE PLAN

SCALE 1:100



NEW PARTIAL SITE PLAN

SCALE 1:100



NEW GATE ELEVATION

SCALE 1:50

KEY NOTES

1. S & I NEW FDS SPLICE KIT AT POINT `B' AND RE-INSTALL EXISTING LOWER FDS CABLE FROM POINT `A' ONTO NEW FENCE FABRIC - ONTO GATE - OFF GATE AND OVER UPPER RAIL ABOVE NEW GATES - ONTO GATE ON OTHER SIDE AND BACK OFF GATE TO NEW FDS SPLICE KIT AT POINT `B'
2. S & I NEW FDS SPLICE KIT AT POINT `B' AND RE-INSTALL EXISTING FDS CABLE FROM POINT `A' ONTO NEW FENCE FABRIC - OVER UPPER RAIL ABOVE NEW GATES AND TO NEW FDS SPLICE KIT AT POINT `B'
3. EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE TIE-WRAPPED TO UPPER RAIL TO REMAIN
4. EXISTING FDS CABLE TO REMAIN
5. RE-INSTALL EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE TIE-WRAPPED ONTO UPPER RAIL OF NEW FENCE - OVER UPPER RAIL ABOVE NEW GATES AND TO NEW SPLICE BOX FOR FDS PROCESSOR CABLE AND PIDS P/A CABLE
6. S & I NEW SPLICE BOX FASTENED TO TOP OF FENCE. SPLICE RE-ROUTED FDS PROCESSOR CABLE FROM POINT `A' TO EXISTING FDS PROCESSOR CABLE AND SPLICE RE-ROUTED PIDS P/A CABLE FROM POINT `A' TO EXISTING PIDS P/A CABLE. SEE NEW SPLICE BOX DETAIL AND NEW SPLICE BOX MOUNTING DETAIL ON DWG. E2.

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

M. DEZFOOLI # 31916 PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA — June 26/2015

5		
4		
3		
2	ISSUED FOR TENDER	15/06/17
1	99% REVISED SUBMISSION	15/06/03
0	99% SUBMISSION	15/03/31
Revision/ Revision	Description/Description	Date/Date

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only
N/A

Designed by/Concept par
T. JEREB

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DARYL SINCLAIR

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PREETIPAL PAUL

Drawing title/Titre du dessin

MOUNTAIN INSTITUTION

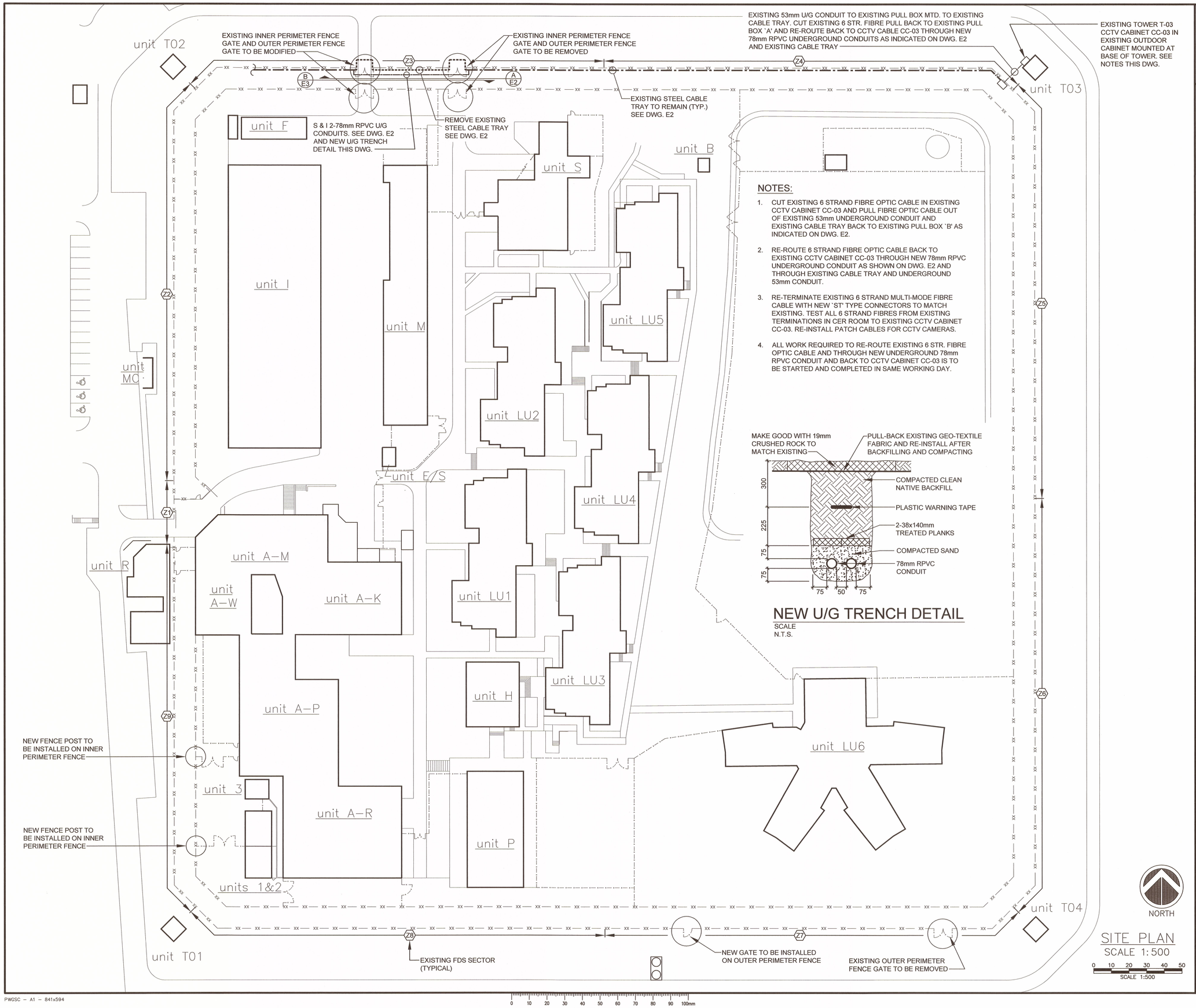
4732 CEMETERY ROAD

AGASSIZ, BRITISH COLUMBIA

SECONDARY SALLY PORT PLANS AND NEW GATE ELEVATION

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	E3-MO OF 3	2

DM5XXXXXX



PWGSC – A1 – 841x594

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. DEZFOOLI
31916
June 26/2015

Revision/ Revision	Description/Description	Date/Date
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0	99% SUBMISSION	15/03/31

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only
N/A

Designed by/Concept par
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PREETIPAL PAUL

Drawing title/Titre du dessin

MISSION MEDIUM INSTITUTION

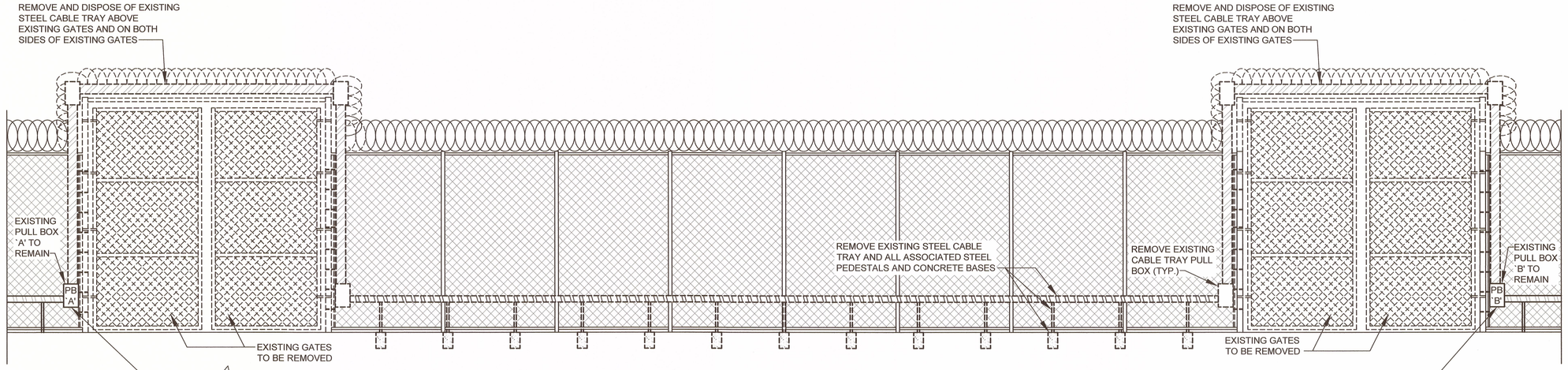
8751 STAVE LAKE STREET

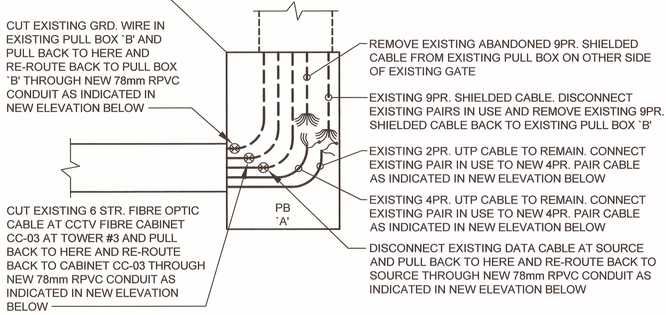
MISSION, BRITISH COLUMBIA

SITE PLAN

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	E1-MI OF 3	2

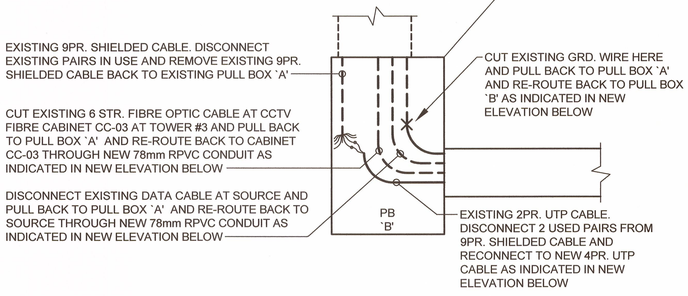
DM5XXXXXX





NOTES:

1. NEW UNDERGROUND 78mm RPVC CONDUITS ARE TO BE INSTALLED PRIOR TO THE DISCONNECTION AND RE-ROUTING OF ANY EXISTING CABLES.
2. EXISTING 6 STRAND FIBRE OPTIC CABLE MUST BE CUT, RE-ROUTED, RE-TERMINATED, TESTED AND CAMERAS RECONNECTED ON THE SAME WORKING DAY.
3. EXISTING UTP CABLES ARE TO BE DISCONNECTED AND CONNECTED TO NEW UTP CABLE ON SAME WORKING DAY. UTP CABLES ARE USED FOR TELEPHONES IN EXISTING TOWER #3. TEST AND CONFIRM OPERATION OF PHONES UPON COMPLETION OF RECONNECTION OF UTP CABLES.
4. EXISTING CABLES IN CABLE TRAY MAY BE REMOVED FROM EXISTING CABLE TRAY AND TEMPORARILY TIE-WRAPPED TO FENCE TO ALLOW FOR REMOVAL OF EXISTING CABLE TRAY AND INSTALLATION OF NEW 78mm RPVC UNDERGROUND CONDUITS.



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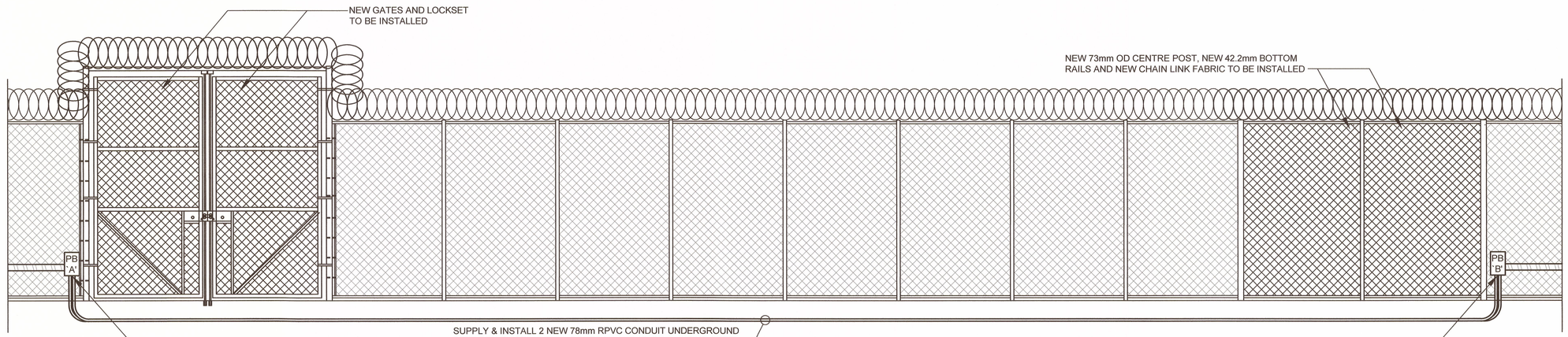
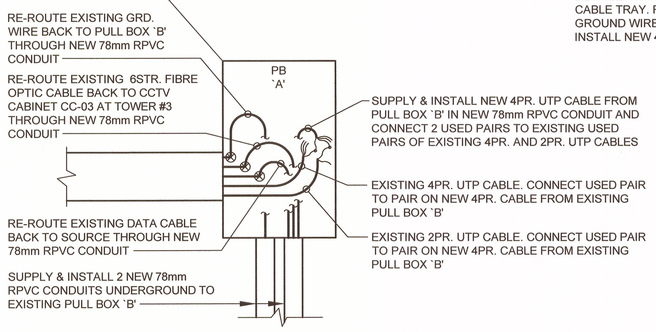
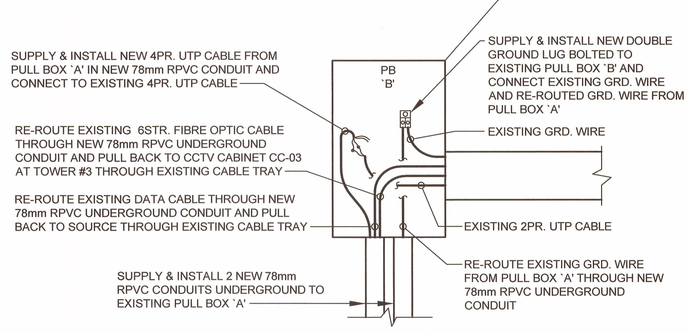




NEW ELEVATION

ELEVATION (A/E1)
SCALE 1:50



0 10 20 30 40 50 60 70 80 90 100mm

PWGSC – A1 – 841x594

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA M. DEZFOOLI # 31916 — June 26 / 2015

Revision/ Revision	Description/Description	Date/Date
5		
4		
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2	ISSUED FOR TENDER	15/06/17
1	99% REVISED SUBMISSION	15/06/03
0	99% SUBMISSION	15/03/31

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only
N/A

Designed by/Concept par
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Drawn by/Dessine par
T. JEREB

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DARYL SINCLAIR

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PREETIPAL PAUL

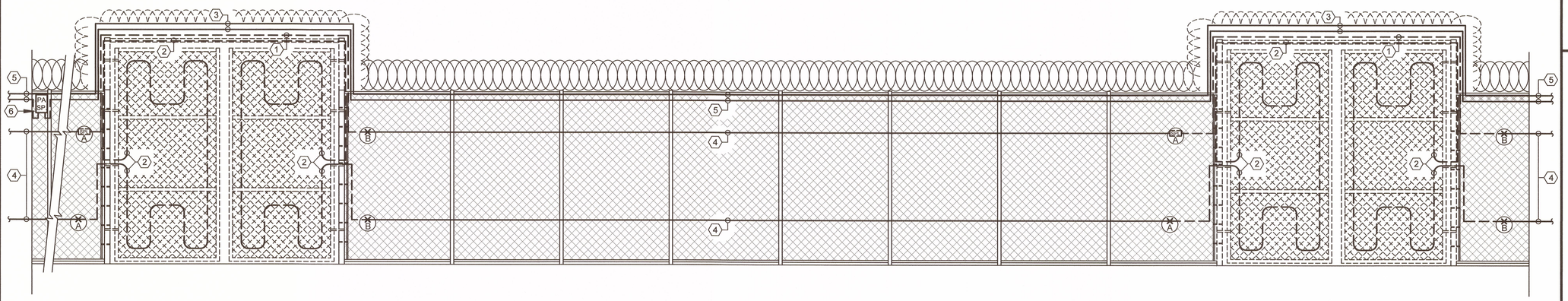
Drawing title/Titre du dessin

MISSION MEDIUM INSTITUTION
8751 STAVE LAKE STREET
MISSION, BRITISH COLUMBIA

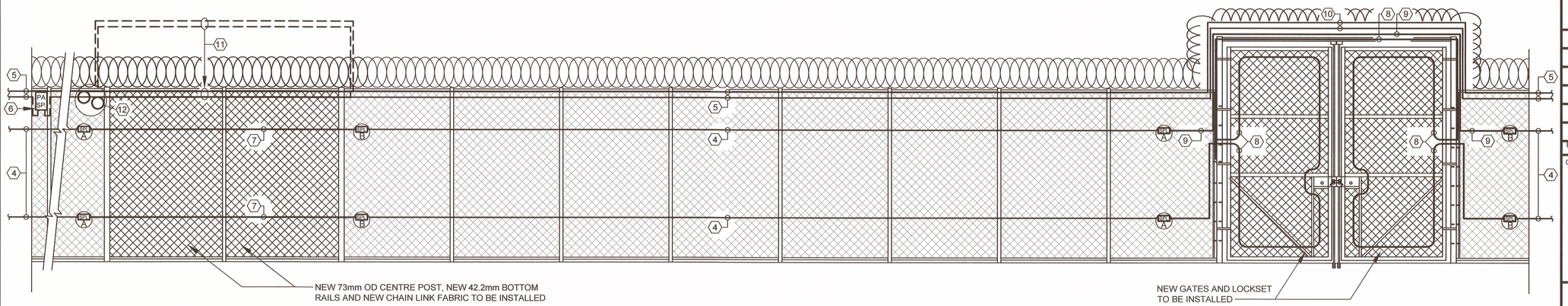
OUTER PERIMETER FENCE ELEVATIONS

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	E2-MI OF 3	2

DM5XXXXXX



EXISTING ELEVATION



NEW ELEVATION

KEY NOTES

1. REMOVE EXISTING FDS SPLICE KIT AT POINT `A' ON UPPER FDS CABLE, CUT EXISTING UPPER FDS CABLE AT POINT `B' AND REMOVE FDS CABLE FROM EXISTING CROSS RAILS ABOVE GATES TO BE REMOVED
2. CUT EXISTING LOWER FDS CABLES AT POINTS `A' & `B' AND REMOVE ALL FDS CABLES ON EXISTING GATES AND CROSS RAILS ABOVE GATES TO BE REMOVED
3. PROVIDE TEMPORARY SUPPORTS AND MECHANICAL PROTECTION OF EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE TIE-WRAPPED TO UPPER RAIL ABOVE GATES TO ALLOW FOR REMOVAL OF GATES
4. EXISTING FDS CABLE TO REMAIN (TYPICAL)
5. EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE TIE-WRAPPED TO UPPER RAIL TO REMAIN
6. EXISTING PIDS P/A CABLE SPLICE BOX TO REMAIN
7. S & I NEW FDS SPLICE KIT AT POINTS `A' & `B' AND NEW FDS CABLE ON NEW FENCE FABRIC BETWEEN NEW SPLICE KITS
8. S & I NEW FDS SPLICE KITS AT POINTS `A' & `B' ON LOWER EXISTING FDS CABLES AND NEW FDS CABLES BETWEEN NEW SPLICE KITS. INSTALL CABLES FROM NEW SPLICE KIT AT POINT `A' - ONTO GATE - OFF GATE AND OVER UPPER RAIL ABOVE NEW GATES - ONTO GATE ON OTHER SIDE AND BACK OFF GATE TO NEW FDS SPLICE KIT AT POINT `B'
9. S & I NEW FDS SPLICE KITS AT POINTS `A' & `B' ON UPPER EXISTING FDS CABLES AND NEW FDS CABLES OVER UPPER RAIL ABOVE NEW GATES BETWEEN NEW SPLICE KITS.
10. TIE-WRAP FDS PROCESSOR CABLE AND PIDS P/A CABLE ONTO NEW UPPER RAIL ABOVE NEW GATES
11. LOWER EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE ONTO NEW UPPER RAIL ABOVE NEW GATES AND TIE-WRAP CABLES TO NEW UPPER RAIL
12. NEATLY COIL ALL EXCESS EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE AND SECURELY TIE-WRAP ONTO UPPER RAIL OF EXISTING FENCING

ELEVATION B/E1

SCALE 1:50

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — M. DEZFOOLI # 31916

June 26/2015

Revision/ Revision	Description/Description	Date/Date
5		
4		
3		
2	ISSUED FOR TENDER	15/06/17
1	99% REVISED SUBMISSION	15/06/03
0	99% SUBMISSION	15/03/31

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only
N/A

Designed by/Concept par
T. JEREB

Drawn by/Dessine par
T. JEREB

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

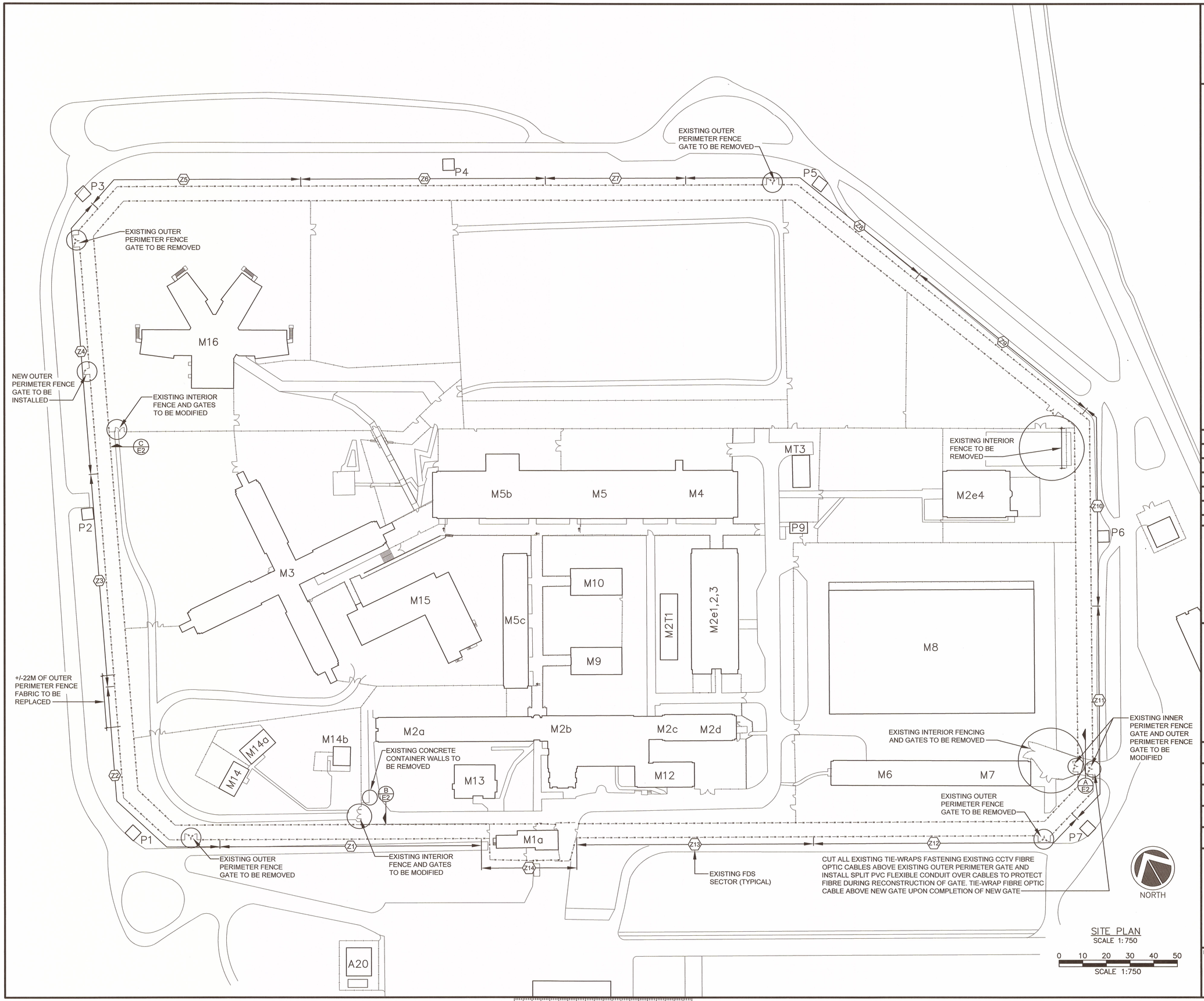
Drawing title/Titre du dessin

MISSION MEDIUM INSTITUTION
8751 STAVE LAKE STREET
MISSION, BRITISH COLUMBIA

INNER PERIMETER FENCE ELEVATIONS

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	E3-MI OF 3	2

DM5XXXXXX



Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. DEZFOULI
31916
June 24/2015

Revision/ Revision	Description/Description	Date/Date
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Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

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N/A

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DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

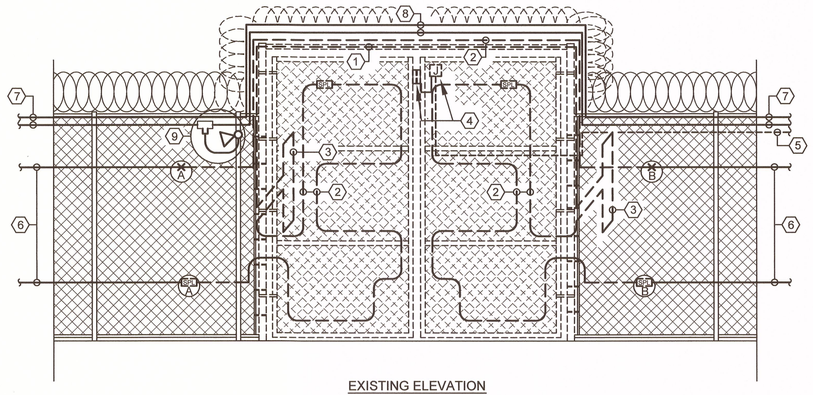
MATSQUI INSTITUTION
33344 KING ROAD
ABBOTSFORD, BRITISH COLUMBIA

SITE PLAN

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	E1-MA OF 2	2

PWGSC – A1 – 841x594

DM5XXXXXX



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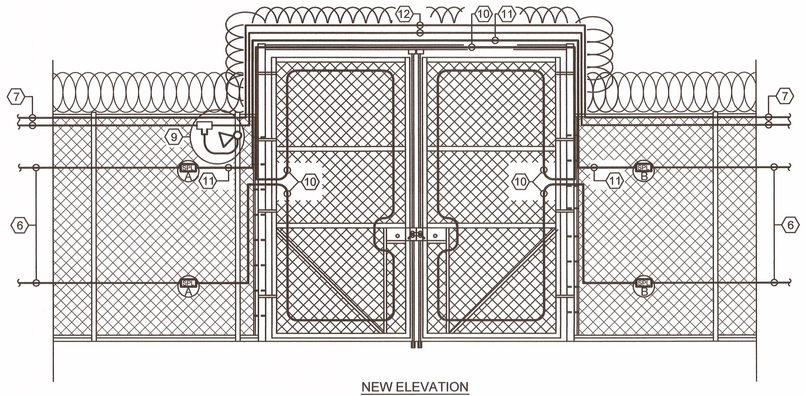
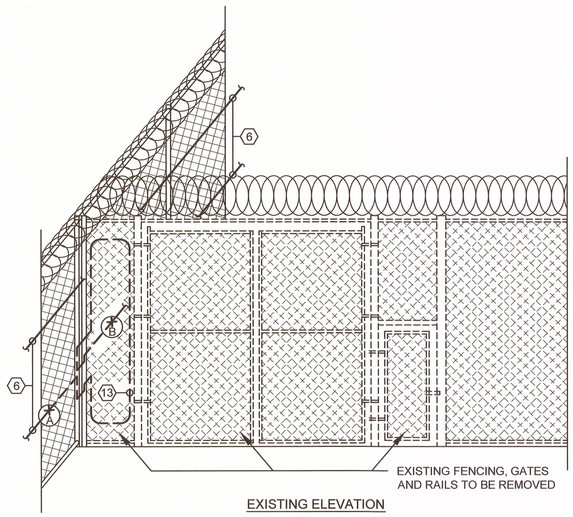


NEW ELEVATION

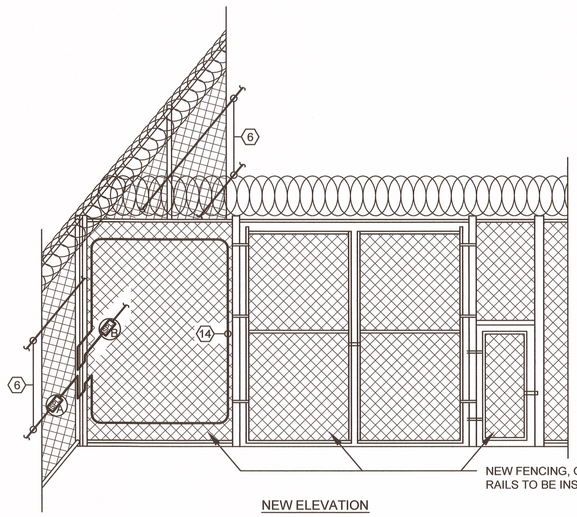
ELEVATION A/E1

SCALE 1:50



EXISTING FENCING, GATES AND RAILS TO BE REMOVED

EXISTING ELEVATION

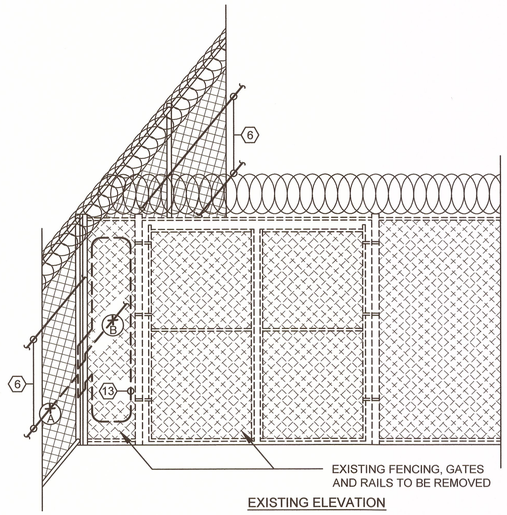


NEW FENCING, GATES AND RAILS TO BE INSTALLED

NEW ELEVATION

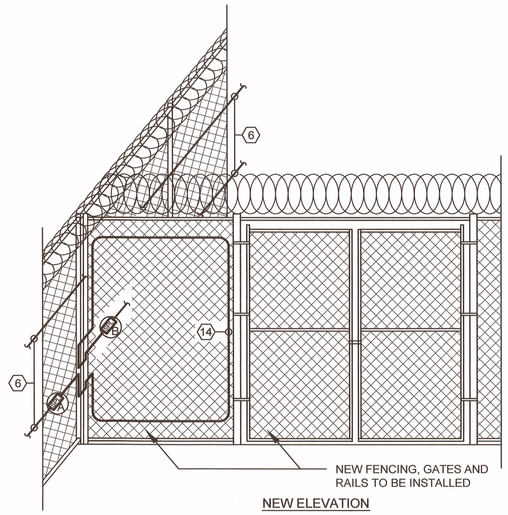
ELEVATION B/E1

SCALE 1:50



EXISTING FENCING, GATES AND RAILS TO BE REMOVED

EXISTING ELEVATION



NEW FENCING, GATES AND RAILS TO BE INSTALLED

NEW ELEVATION

ELEVATION C/E1

SCALE 1:50

KEY NOTES

1. CUT EXISTING FDS CABLE AT POINTS `A' & `B' AND REMOVE FDS CABLE FROM EXISTING CROSS RAILS ABOVE GATES TO BE REMOVED
2. REMOVE EXISTING FDS SPLICE KITS AT POINTS `A' & `B' AND ALL FDS CABLES ON EXISTING GATES AND CROSS RAILS ABOVE GATES TO BE REMOVED
3. REMOVE ALL EXISTING FDS CABLES ON EXISTING INTERIOR FENCING TO BE REMOVED
4. REMOVE EXISTING MAGNETIC GATE POSITION SWITCH AND JUNCTION BOX. TURN OVER GATE POSITION SWITCH TO PWGSC
5. REMOVE EXISTING MAGNETIC GATE POSITION CABLING TO SECTOR #11 FDS PROCESSOR BOX
6. EXISTING FDS CABLE TO REMAIN (TYPICAL)
7. EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE TIE-WRAPPED TO UPPER RAIL TO REMAIN
8. PROVIDE TEMPORARY SUPPORTS AND MECHANICAL PROTECTION OF EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE TIE-WRAPPED TO UPPER RAIL ABOVE GATES TO ALLOW FOR REMOVAL OF GATES
9. EXISTING PIDS P/A SPEAKER AND SPLICE FITTING TO REMAIN
10. S & I NEW FDS SPLICE KITS AT POINTS `A' & `B' ON LOWER EXISTING FDS CABLES AND NEW FDS CABLES BETWEEN NEW SPLICE KITS. INSTALL CABLES FROM NEW SPLICE KIT AT POINT `A' - ONTO GATE - OFF GATE AND OVER UPPER RAIL ABOVE NEW GATES - ONTO GATE ON OTHER SIDE AND BACK OFF GATE TO NEW FDS SPLICE KIT AT POINT `B'
11. S & I NEW FDS SPLICE KITS AT POINTS `A' & `B' ON UPPER EXISTING FDS CABLES AND NEW FDS CABLES OVER UPPER RAIL ABOVE NEW GATES BETWEEN NEW SPLICE KITS.
12. TIE-WRAP FDS PROCESSOR CABLE AND PIDS P/A CABLE ONTO NEW UPPER RAIL ABOVE GATES
13. CUT EXISTING FDS CABLE AT POINTS `A' & `B' AND REMOVE EXISTING FDS CABLE FROM INTERSECTING FENCE TO BE REMOVED
14. S & I NEW FDS SPLICE KITS AT POINTS `A' & `B' ON EXISTING FDS CABLES AND NEW FDS CABLES ON NEW INTERSECTING FENCE BETWEEN NEW SPLICE KITS

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. DEZFOOLI
31916
June 26/2017

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2	ISSUED FOR TENDER	15/06/17
1	99% REVISED SUBMISSION	15/06/03
0	99% SUBMISSION	15/03/31

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only
N/A

Designed by/Concept par
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PREETIPAL PAUL

Drawing title/Titre du dessin

MATSQUI INSTITUTION

33344 KING ROAD

ABBOTSFORD, BRITISH COLUMBIA

FENCE ELEVATIONS

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	E2-MA OF 2	2

PWGSC – A1 – 841x594

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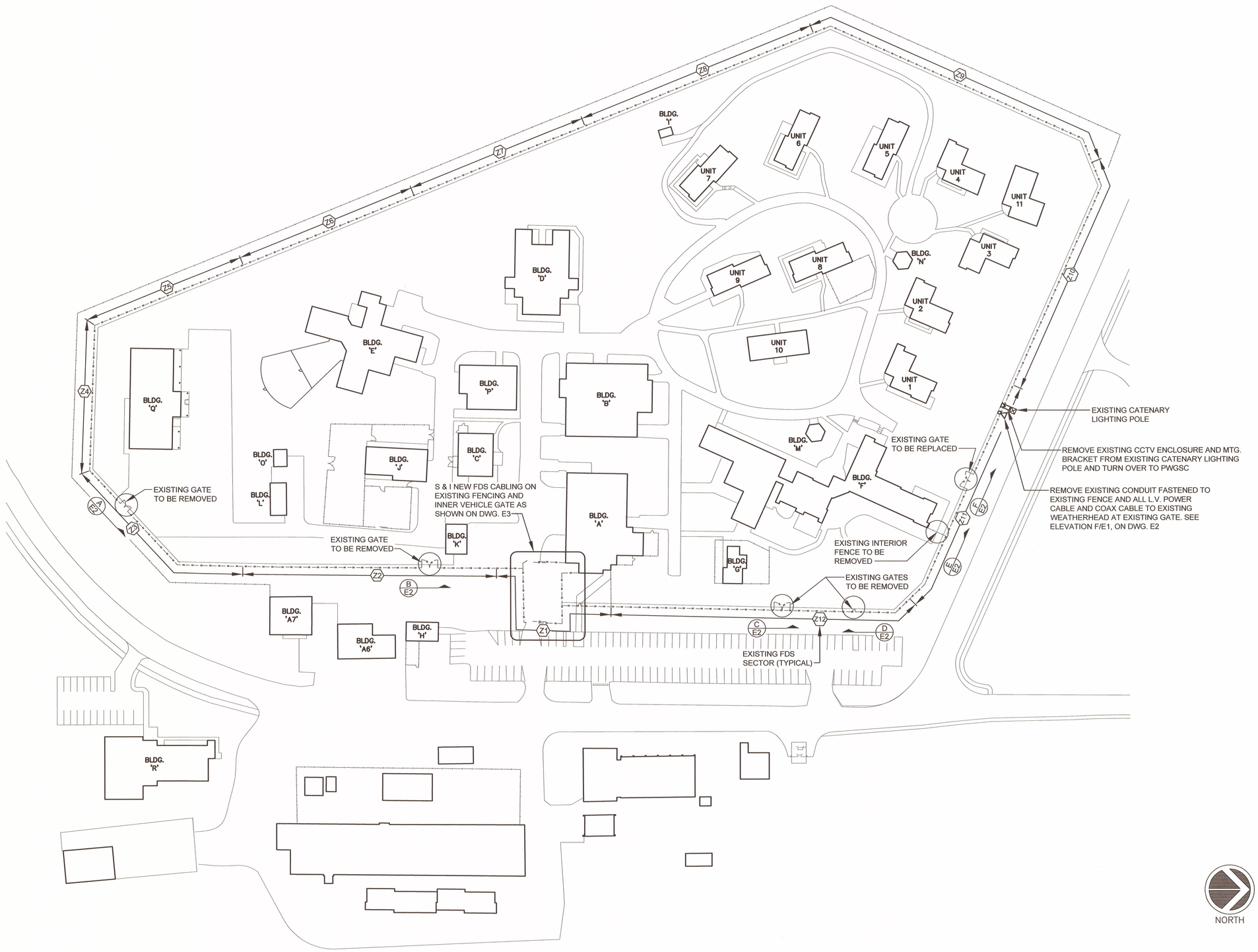
DM5XXXXXX



SITE PLAN
SCALE 1: 750

0 10 20 30 40 50
SCALE 1:750

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

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PROVINCE OF BRITISH COLUMBIA
M. DEZFOOLI
31916
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DARYL SINCLAIR

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PREETIPAL PAUL

Drawing title/Titre du dessin

FRASER VALLEY INSTITUTION

33344 KING ROAD

ABBOTSFORD, BRITISH COLUMBIA

SITE PLAN

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	E1-FV OF 3	2

PWGSC – A1 – 841x594

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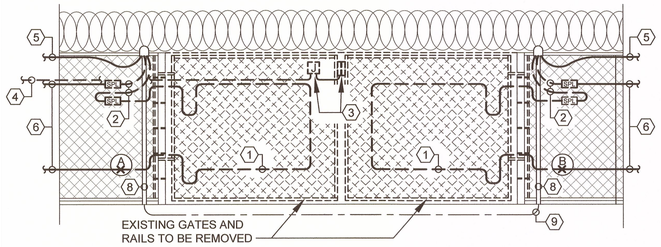
DM5XXXXXX



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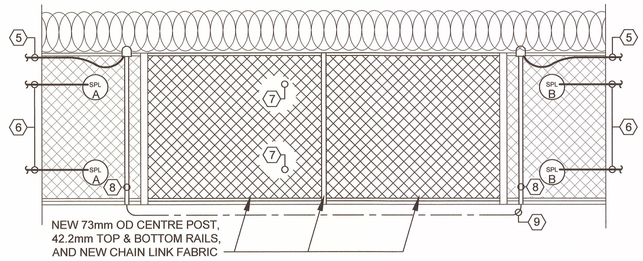
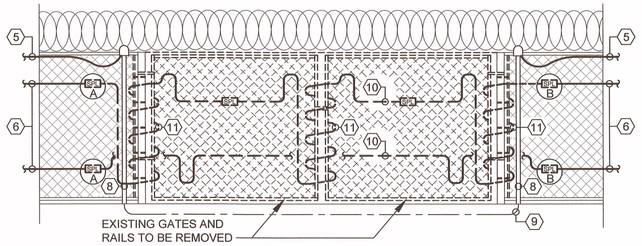


NEW ELEVATION

ELEVATION A/E1

SCALE 1:50



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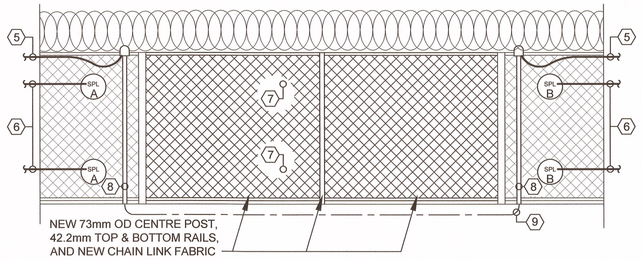
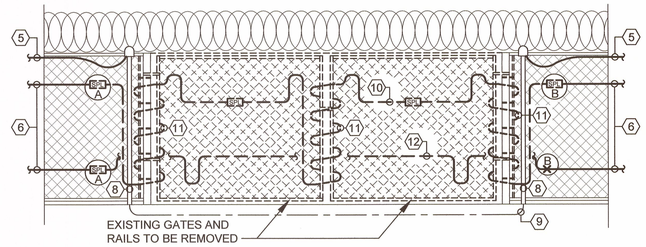


NEW ELEVATION

ELEVATION B/E1

SCALE 1:50



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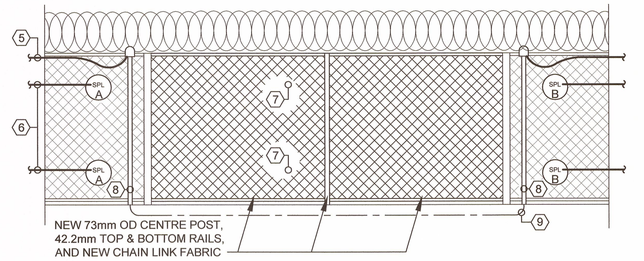
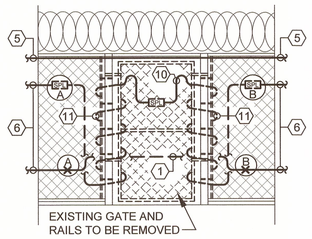


NEW ELEVATION

ELEVATION C/E1

SCALE 1:50



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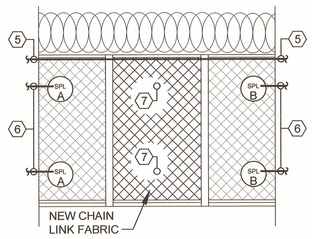
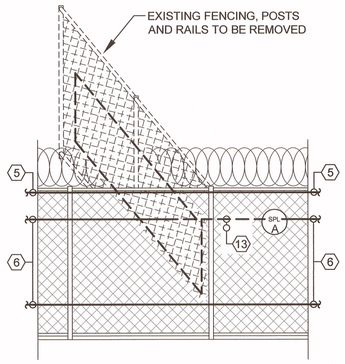


NEW ELEVATION

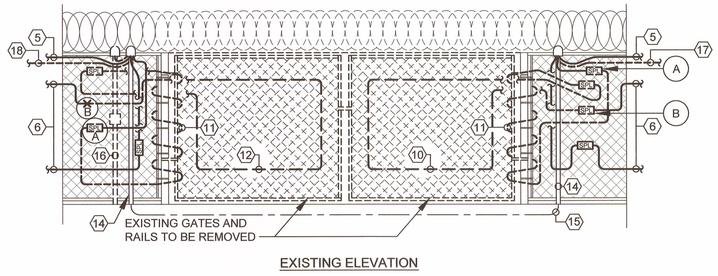
ELEVATION D/E1

SCALE 1:50



ELEVATION E/E1

SCALE 1:50



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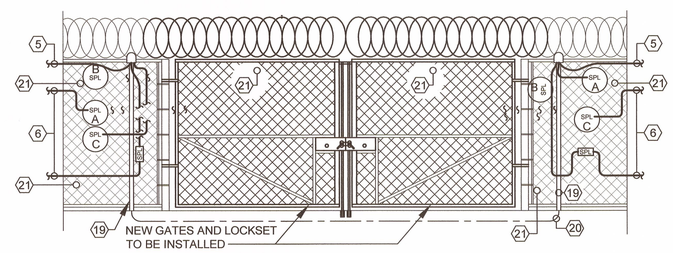

ELEVATION F/E1

SCALE 1:50

KEY NOTES

1. CUT EXISTING FDS CABLE AT POINTS `A' & `B' AND REMOVE FDS CABLE FROM EXISTING GATES TO BE REMOVED
2. REMOVE EXISTING SPLICE KITS ON FDS CABLING AND REMOVE EXISTING FDS CABLING PRESENTLY INSTALLED IN 53mm CONDUIT FROM ONE SIDE OF GATE TO THE OTHER
3. REMOVE EXISTING MAGNETIC GATE POSITION SWITCH AND JUNCTION BOX. TURN OVER GATE POSITION SWITCH TO PWGSC
4. REMOVE EXISTING MAGNETIC GATE POSITION CABLING TO SECTOR #3 FDS PROCESSOR BOX
5. EXISTING FDS PROCESSOR CABLE TIE-WRAPED TO UPPER RAIL TO REMAIN
6. EXISTING FDS CABLE TO REMAIN (TYPICAL)
7. S & I NEW FDS SPLICE KIT AT POINTS `A' & `B' AND NEW FDS CABLE ON NEW FENCE FABRIC BETWEEN NEW SPLICE KITS
8. EXISTING FDS PROCESSOR CABLE IN 53mm RIGID STEEL CONDUIT TO REMAIN
9. EXISTING FDS PROCESSOR CABLE IN 53mm CONDUIT UNDERGROUND TO REMAIN
10. REMOVE EXISTING FDS SPLICE KITS AT POINTS `A' & `B' AND ALL FDS CABLES ON EXISTING GATES
11. REMOVE EXISTING FDS CABLES INSTALLED IN FLEXIBLE METAL CONDUIT WRAPPED AROUND GATE POSTS AND RAILS
12. REMOVE EXISTING FDS SPLICE KIT AT POINT `A', CUT EXISTING FDS CABLE AT POINT `B' AND REMOVE ALL FDS CABLES ON EXISTING GATES
13. CUT EXISTING FDS CABLE AT POINT `A', S & I NEW FDS SPLICE KIT AT POINT `A', PULL BACK EXISTING FDS CABLE FROM FENCING TO BE REMOVED AND CONNECT TO NEW FDS SPLICE KIT AT POINT `A'
14. EXISTING FDS PROCESSOR CABLE AND FDS SECTOR CABLES IN 53mm RIGID STEEL CONDUIT TO REMAIN. REMOVE EXISTING CCTV COAX CABLE AND L.V. POWER CABLE FOR CAMERA TO BE REMOVED
15. EXISTING FDS PROCESSOR CABLE AND FDS SECTOR CABLES IN 53mm UNDERGROUND CONDUIT TO REMAIN. REMOVE EXISTING CCTV COAX CABLE AND L.V. POWER CABLE FOR CAMERA TO BE REMOVED
16. REMOVE EXISTING L.V. POWER CABLE AND 27mm RIGID STEEL CONDUIT AND BOX FOR EXISTING CCTV CAMERA TO BE REMOVED
17. REMOVE EXISTING L.V. POWER CABLE AND COAX CABLE FASTENED TO UPPER RAIL OF FENCE FOR EXISTING CCTV CAMERA TO BE REMOVED. SEE DWG. E1 FOR CAMERA LOCATION
18. REMOVE EXISTING COAX CABLE FASTENED TO UPPER RAIL OF FENCE FOR EXISTING CCTV CAMERA TO BE REMOVED
19. EXISTING FDS PROCESSOR CABLE AND FDS SECTOR CABLES IN 53mm RIGID STEEL CONDUIT TO REMAIN
20. EXISTING FDS PROCESSOR CABLE AND FDS SECTOR CABLES IN 53mm UNDERGROUND CONDUIT TO REMAIN
21. S & I NEW SPLICE KITS AT POINT `A', `B' AND `C'. S & I NEW FDS CABLE FROM NEW SPLICE KIT AT POINT `A' - ONTO NEW GATE - OFF NEW GATE TO NEW SPLICE KIT AT POINT `B'. FROM NEW SPLICE KIT AT POINT `B' S & I NEW FDS CABLE INSIDE FLEXIBLE METAL CONDUIT COILED AROUND THE NEW GATE POST AND GATE SIDE POST AS INDICATED TO NEW SPLICE KIT AT POINT `C'. SPLICE NEW FDS CABLE TO EXISTING FDS CABLE FROM U/G CONDUIT. (TYPICAL FOR BOTH NEW GATES)

0 10 20 30 40 50 60 70 80 90 100mm

PWGSC – A1 – 841x594

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
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SERVICES IMMOBILIERS
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PROFESSIONAL ENGINEER
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M. DEZFOOLI
31916
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CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only
N/A

Designed by/Concept par
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Drawn by/Dessine par
T. JEREB

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DARYL SINCLAIR

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PREETIPAL PAUL

Drawing title/Titre du dessin

FRASER VALLEY INSTITUTION

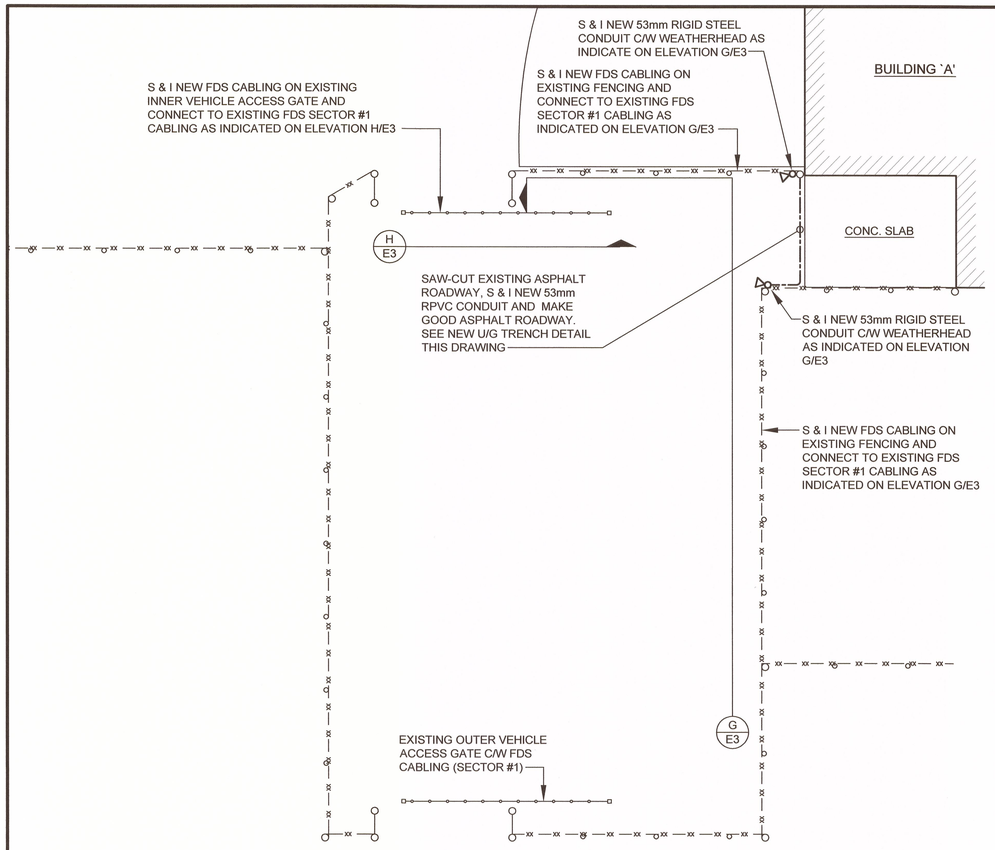
33344 KING ROAD

ABBOTSFORD, BRITISH COLUMBIA

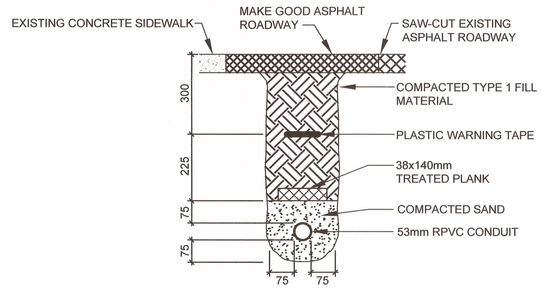
FENCE ELEVATIONS

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	E2-FV OF 3	2

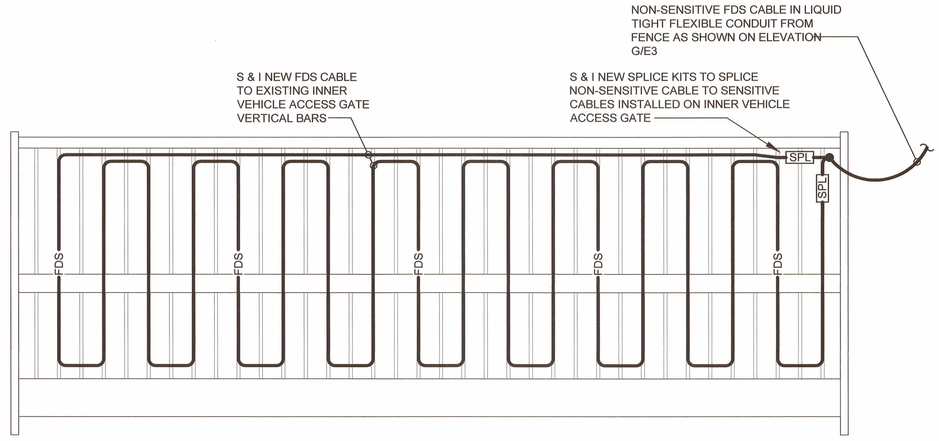
DM5XXXXXX



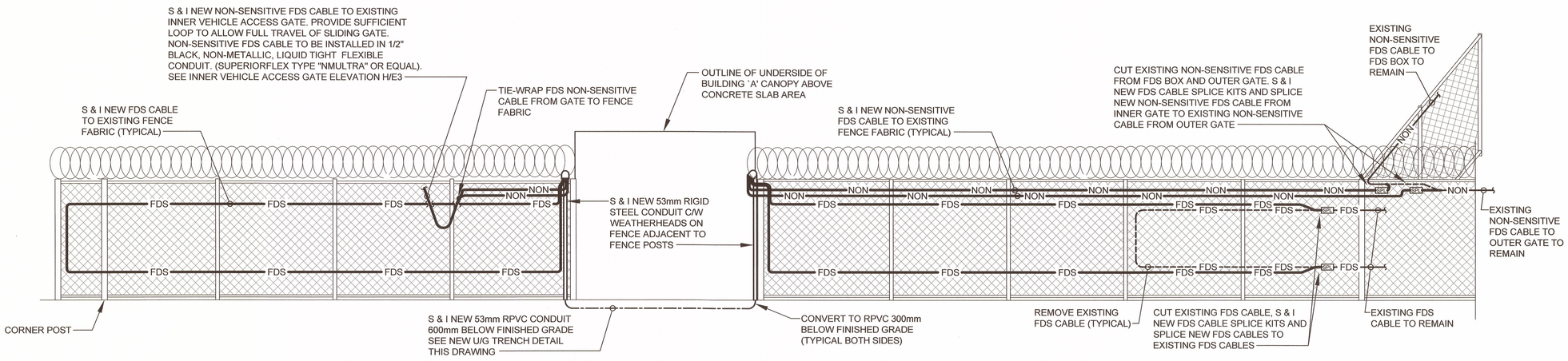
SALLY PORT PLAN
SCALE 1:100



NEW U/G TRENCH DETAIL
SCALE N.T.S.



INNER VEHICLE GATE ELEVATION (H/E3)
SCALE 1:50



ELEVATION (G/E3)
SCALE 1:50

PWGSC – A1 – 841x594

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Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
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SERVICES IMMOBILIERS
Région de Pacifique

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA M. DEZFOOLI # 31916 June 26/2015

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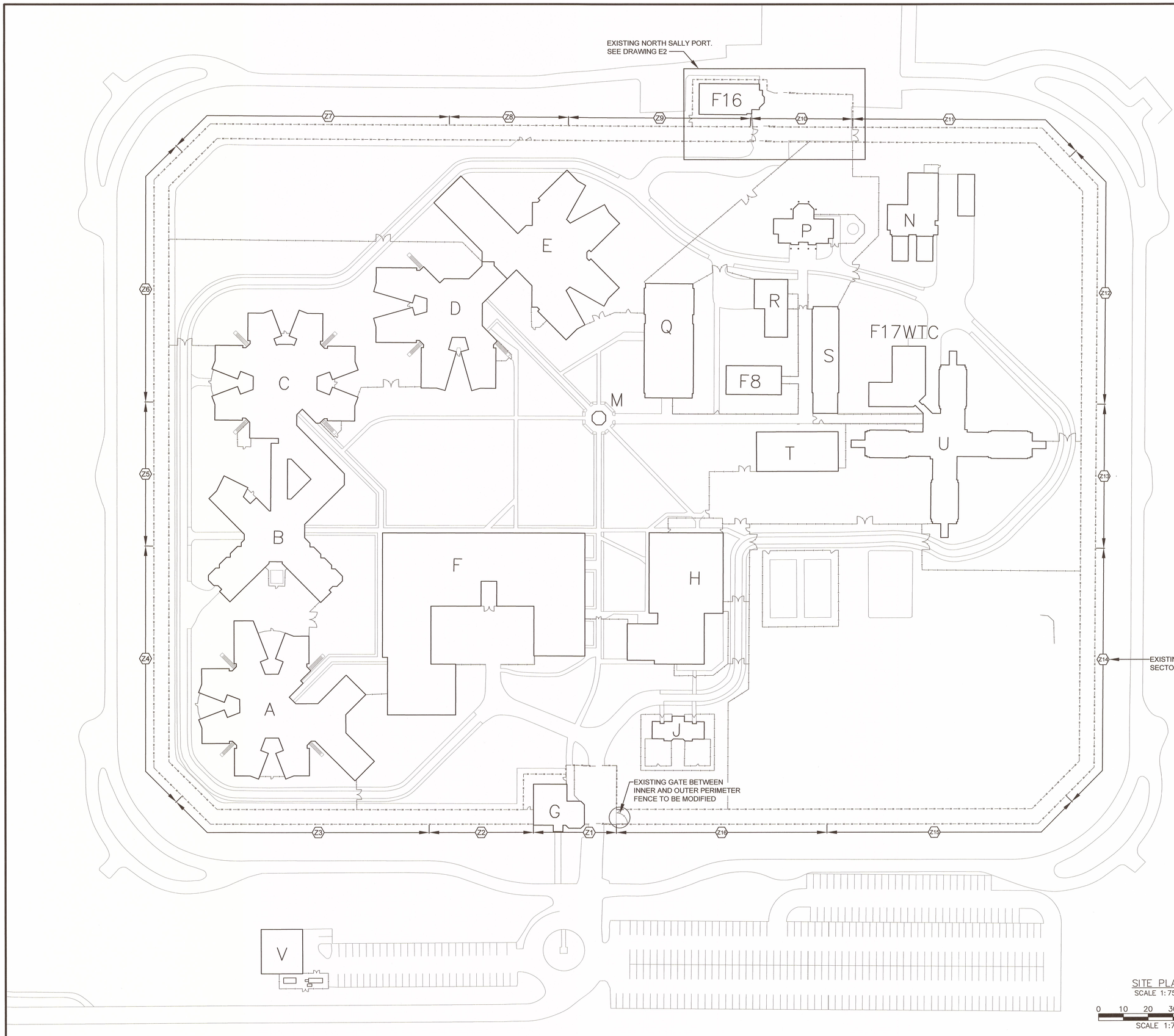
33344 KING ROAD
ABBOTSFORD, BRITISH COLUMBIA

SALLY PORT PLAN AND ELEVATIONS

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
R.071529.001	E3-FV OF 3	2

DM5XXXXXX



SITE PLAN
SCALE 1: 750

0 10 20 30 40 50
SCALE 1:750

PWGSC – A1 – 841x594

0 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. DEZFOOLI
31916
June 26/2015

Revision/ Revision	Description/Description	Date/Date
5		
4		
3		
2	ISSUED FOR TENDER	15/06/17
1	99% REVISED SUBMISSION	15/06/03
0	99% SUBMISSION	15/03/31

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Signature Box Only
N/A

Designed by/Concept par
T. JEREB

Drawn by/Dessine par
T. JEREB

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

PACIFIC INSTITUTION
33344 KING ROAD
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SITE PLAN

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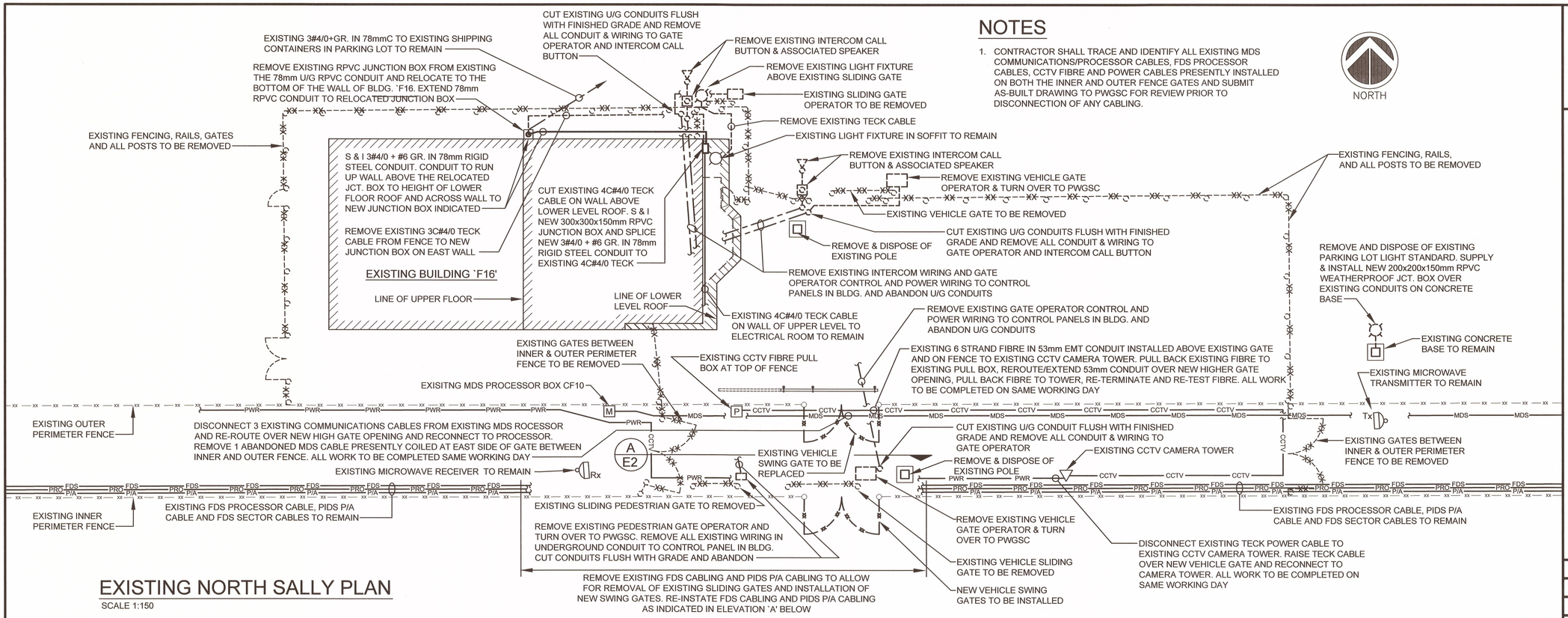
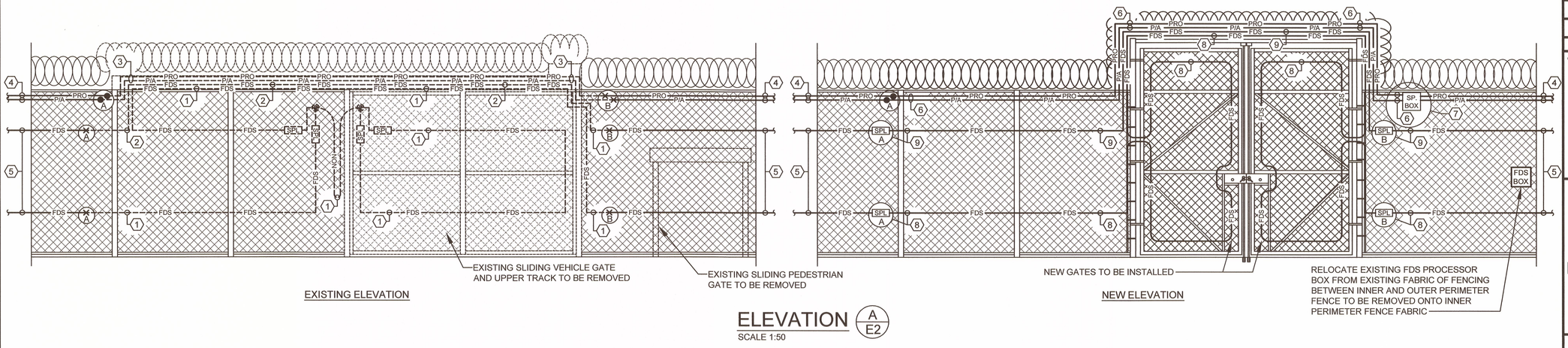


NOTES

1. CONTRACTOR SHALL TRACE AND IDENTIFY ALL EXISTING MDS COMMUNICATIONS/PROCESSOR CABLES, FDS PROCESSOR CABLES, CCTV FIBRE AND POWER CABLES PRESENTLY INSTALLED ON BOTH THE INNER AND OUTER FENCE GATES AND SUBMIT AS-BUILT DRAWING TO PWGSC FOR REVIEW PRIOR TO DISCONNECTION OF ANY CABLING.

EXISTING NORTH SALLY PLAN

SCALE 1:150



EXISTING ELEVATION

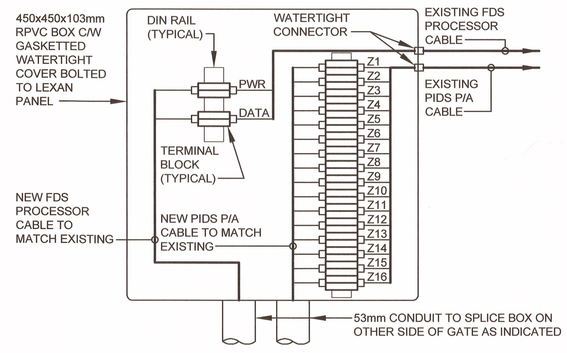
NEW ELEVATION

ELEVATION (A / E2)

SCALE 1:50

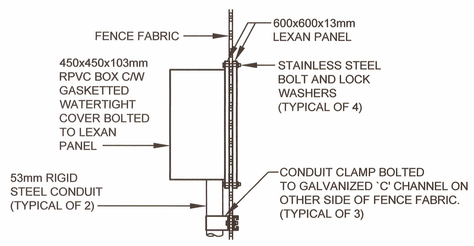
KEY NOTES

1. CUT EXISTING LOWER FDS CABLE AT POINTS `A' & `B'. REMOVE ALL FDS CABLE FROM FENCE, FDS NON-SENSITIVE CABLE TO VEHICLE GATE, ALL FDS CABLE FROM VEHICLE GATE AND ALL FDS CABLE ON VEHICLE GATE RAILS BETWEEN POINTS `A' & `B'
2. CUT EXISTING UPPER FDS CABLE AT POINTS `A' & `B'. REMOVE ALL FDS CABLE FROM FENCE AND ALL FDS CABLE ON VEHICLE GATE RAILS BETWEEN POINTS `A' & `B'
3. CUT EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE AT POINT `B' AND PULL CABLES BACK TO POINT `A'
4. EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE TIED TO UPPER FENCE RAILS TO REMAIN
5. EXISTING FDS CABLE TO REMAIN
6. RE-INSTALL EXISTING FDS PROCESSOR CABLE AND PIDS P/A CABLE FROM POINT `A' ONTO TOP RAILS OF FENCE AND NEW RAILS ABOVE NEW GATE TO NEW SPLICE BOX
7. S & I NEW SPLICE BOX FASTENED TO TOP OF FENCE. SPLICE RE-ROUTED FDS PROCESSOR CABLE FROM POINT `A' TO EXISTING FDS PROCESSOR CABLE AND SPLICE RE-ROUTED PIDS P/A CABLE FROM POINT `A' TO EXISTING PIDS P/A CABLE. SEE NEW SPLICE BOX DETAIL AND NEW SPLICE BOX MOUNTING DETAIL THIS DRAWING
8. S & I NEW FDS SPLICE KIT AT POINTS `A' & `B'. S & I NEW LOWER FDS CABLE FROM POINT `A' ONTO FENCE FABRIC - ONTO GATE - OFF GATE AND OVER UPPER RAIL ABOVE NEW GATES - ONTO GATE ON OTHER SIDE AND BACK OFF GATE TO NEW FDS SPLICE KIT AT POINT `B'
9. S & I NEW FDS SPLICE KITS AT POINT `A' & `B'. S & I NEW UPPER FDS CABLE FROM POINT `A' ONTO FENCE FABRIC - OVER UPPER RAIL ABOVE NEW GATES AND TO NEW FDS SPLICE KIT AT POINT `B'



NEW SPLICE BOX DETAIL

SCALE N.T.S.



NEW SPLICE BOX MOUNTING DETAIL

SCALE N.T.S.

0 10 20 30 40 50 60 70 80 90 100mm

PWGSC – A1 – 841x594

DM5XXXXXX

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